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# The CHEMIST AND DRUGGIST



Established 1859

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Registered as a Newspaper

No. 2736  
VOL. CXVII.

JULY 16, 1932

Annual Subscription (with  
Diary) 20/- Single Copies 9d.



## TWO IMPORTANT MAY & BAKER SPECIALITIES

### TRADE MARK "PLANOCHROME" BRAND MERCUROCHROME

A Valuable General Antiseptic.

"Planochrome" is an organic compound of mercury of high germicidal potency and penetrative power, yet remarkably free from toxic effects. It is readily soluble in water and provides an excellent substitute for tincture of iodine. . . . .  
"Planochrome" is also employed intravenously in the treatment of septicæmia and in infections of the genito-urinary tract. . . . .

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All Ephedrine products prepared in the laboratories of May & Baker, Ltd., contain only the active lævorotatory isomer and are free from harmful impurities. . . . .  
In tablet form for oral use and ampoules for hypodermic injection. . .

You should write for full particulars

NOTED FOR FINE CHEMICALS AND PHARMACEUTICAL PRODUCTS

# MAY & BAKER Ltd

NOVARSENOBILLON AND METARSENOBILLON • STOVARSOL • GARDENAL • TRYPARSAMIDE •

EPHEDRINE • OPACOL • PLANOCAINE • PLANOCHROME • SONERYL • ARTHRYTIN • STOVAINE • HYDRIOL



*These are helping you to big profits.*



**Hurrah for the sea!**

There is hard work on the sea, with sparkling eyes and shining heads. She does the work and wears the life preserver. The life preserver is the life preserver of Kotex.

The Kotex sanitary pad is the most modern and hygienic. It is made of soft, absorbent material. It is so absorbent that it keeps you dry. It is so absorbent that it keeps you dry. It is so absorbent that it keeps you dry.

**KOTEX**

An Empire Product (Made in Canada)

Write to Nurse Adams at 317, High Holborn, London, W.C.1, for more information and a copy of the informative booklet "Physiology of Menstruation".



**Not "fagged" even at 6 o'clock**

That is how you want to feel day after day. Business worries are smaller, things go smoother when your mind is at ease.

Things like these take advantage of the protection that Kotex gives. Your health benefits from knowing you're safe.

Kotex is the world's standard sanitary pad.

**KOTEX**

An Empire Product (Made in Canada)

Write to Nurse Adams at 317, High Holborn, London, W.C.1, for more information and a copy of the informative booklet "Physiology of Menstruation".



**"My mind is on my driving..."**

Modern busy women... living modern life... with its rush and strain, make comfort which it gives them.

Kotex is soft and comfortable... lighter than cotton wool, and absorbs the times just much. And the Kotex soluble sanitary pad is specially treated for deodorization.

Most important of all, Kotex is instantly disposable.

over 7,000,000 women prefer Kotex.

More to the point, it is more comfortable and more absorbent than any other sanitary pad.

You can buy a box of Kotex for a shilling.

**KOTEX**

An Empire Product (Made in Canada)

Write to Nurse Adams at 317, High Holborn, London, W.C.1, for more information and a copy of the informative booklet "Physiology of Menstruation".



**She's playing a better game**

She's playing a better game because her mind is at ease. Kotex gives her the protection and comfort she needs to play.

Kotex is the world's standard sanitary pad.

**KOTEX**

An Empire Product (Made in Canada)

Write to Nurse Adams at 317, High Holborn, London, W.C.1, for more information and a copy of the informative booklet "Physiology of Menstruation".



**She's always so charming**

Charm is born of naturalness... at ease of mind under all circumstances. That's why demonstrating women rely upon the comfort and security of Kotex.

In fact of femininity ensures complete sexual ease, at all times. This is why women specially created for development and regularity desirable, the Kotex soluble sanitary pad is the most advanced in hygienic necessities.

Moreover, it is five times as absorbent as cotton wool.

Over 7,000,000 women throughout the world have made Kotex a habit... which promotes better health.

You can buy a box of Kotex for a shilling.

**KOTEX**

An Empire Product (Made in Canada)

Write to Nurse Adams at 317, High Holborn, London, W.C.1, for more information and a copy of the informative booklet "Physiology of Menstruation".



**200 calls an hour and smiling!**

The modern telephone girl knows how much she owes to Kotex. During that hour she receives 200 calls. She is smiling because she is comfortable and secure.

Kotex is the world's standard sanitary pad.

**KOTEX**

An Empire Product (Made in Canada)

Write to Nurse Adams at 317, High Holborn, London, W.C.1, for more information and a copy of the informative booklet "Physiology of Menstruation".



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**KOTEX LTD., 317, HIGH HOLBORN, LONDON, W.C.1**





The Pharmacist who desires a unique and distinctive Toilet Series, backed by good show matter, special show stands, etc., has his needs fully catered for by—

### THE ROYAL TOILET SERIES

Second to none in appearance, the Royal Series has proved remarkably successful wherever shown. Available in the Series are :—

#### BAY RUM

BAY RUM AND CANTHARIDES  
BRILLIANTINE, HAIR FIXING CREAM  
HONEY & FLOWERS, TOILET PARAFFIN  
HONEY AND ALMOND CREAM

7/6 doz., 4 oz. Retail 1/3. 6 doz. 7/- doz.

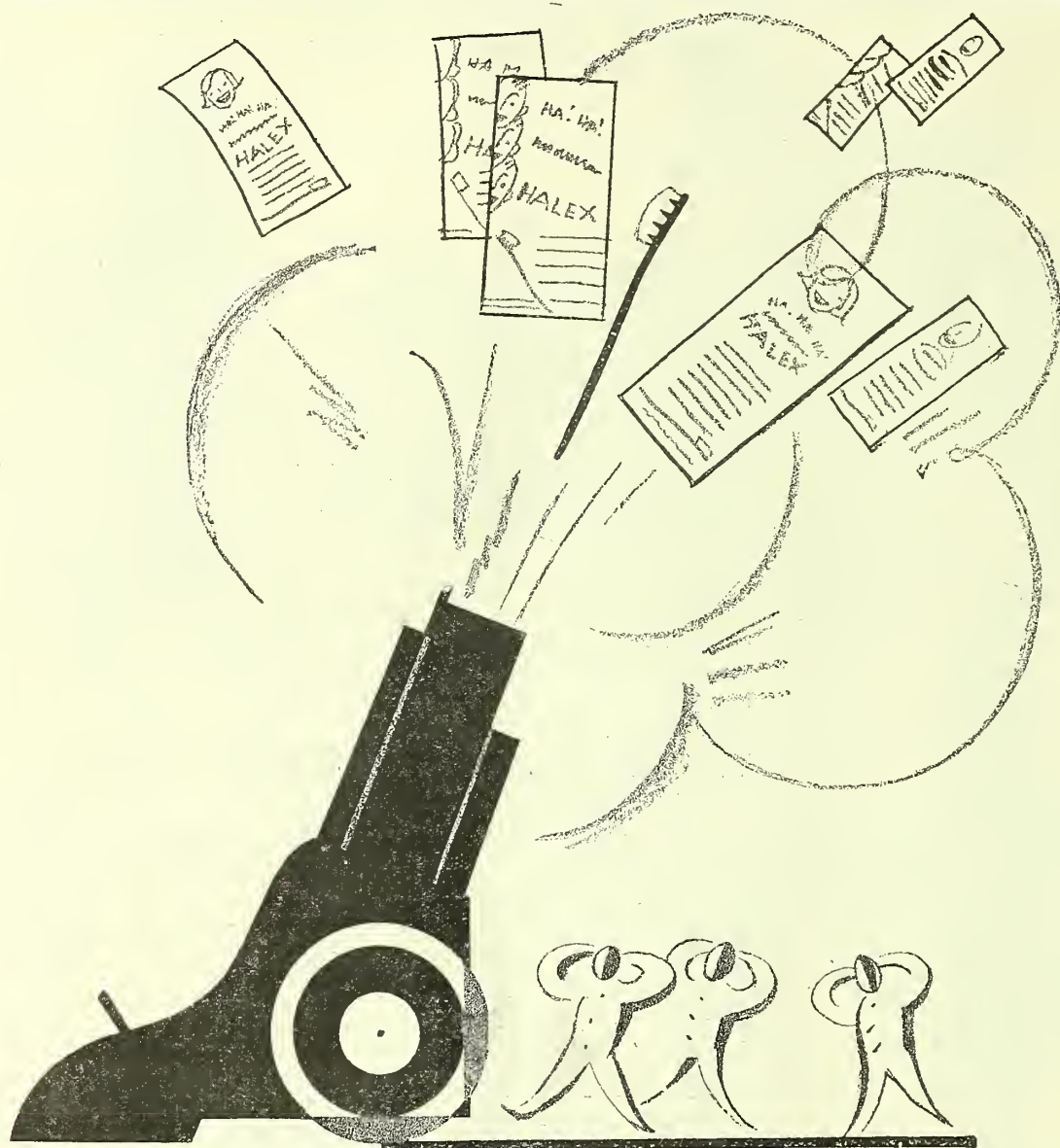
### SUNBURN LOTION

The present popularity of Sunbathing should ensure a brisk demand for this preparation.

5/- doz., 3 oz. bottles



**ARTHUR H. COX & CO. LTD**  
Manufacturing Chemists  
BRIGHTON ENGLAND



You know that toothbrush sales shoot up at this time of year. Holidays and toothbrushes seem to go together. So at this good and busy time we are advertising Hallex toothbrushes (and the No. 7 in particular) in large spaces.

There is a real opportunity during this Seasonal demand to put Hallex toothbrushes in the window and on the counter and reap the advantage of identifying yourself with the advertising.

# HALEX

The BRITISH XYLONITE Co. Ltd.,  
HALE END, LONDON, E.4





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*This is*  
**BRYLCREEM**

*calling the*  
**BRITISH ISLES**

*Announcing*  
*the great*  
**BRYLCREEM**  
**Window Dressing**  
**Competition**

**N.B.**

**JULY 18**

If you have not received full details of the Brylcreem Competition on or before this date, write to us and we will let you have full particulars



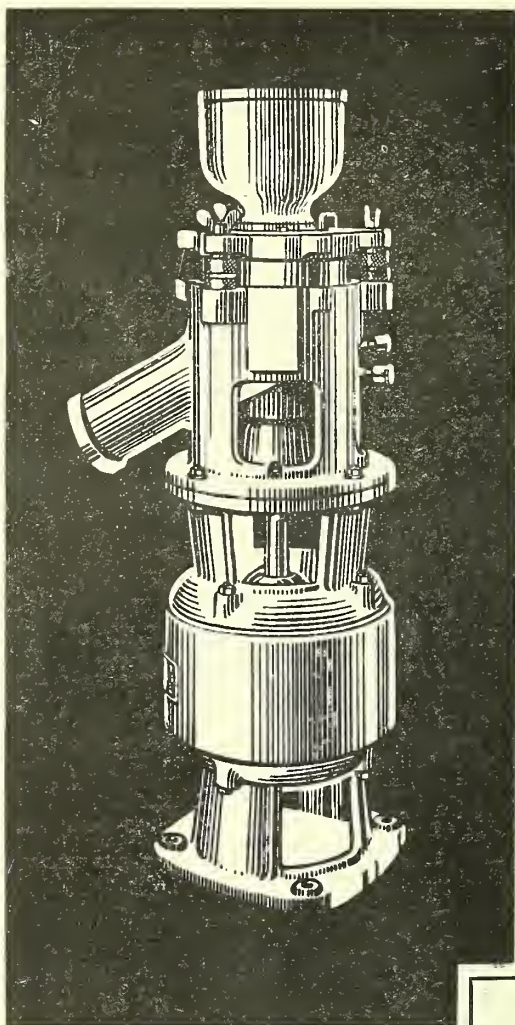
**IT PAYS TO DISPLAY BRYLCREEM**

Brylcreem sales reached record heights after the last Window Dressing Competition had created thousands more customers all over the country. Chemists from every part reported tremendous sales and enormous increases in satisfied customers. So enthusiastic was the reception accorded to this outstandingly successful competition that we are organising a similar event this summer—opens July 18th and closes October 8th—when countless thousands of holiday makers will be closely studying their appearance. Cash prizes value £80 are being offered for the best dressed windows. Supported by still further extended advertising all over Great Britain and Ireland. Make your Brylcreem window link up with this advertising, and so get your full share of Brylcreem sales.

**BRYLCREEM**  
*The Perfect Hair Dressing*

**THE COUNTY PERFUMERY COMPANY**  
BRADFORD STREET, BIRMINGHAM





## PREMIER *Paste Mill*

a slow speed mill direct coupled to motor. There are two working surfaces, one rotating and the other fixed, with clearance adjustable to  $\frac{1}{1000}$  of an inch. Recommended for COSMETICS, SHAVING CREAMS, FACE PIGMENTS, VISCOUS EMULSIONS, etc.

EASY TO CLEAN AND HANDLE

### PREMIER COLLOID MILLS, LTD.

Associated with Burt, Boulton & Haywood, Ltd.

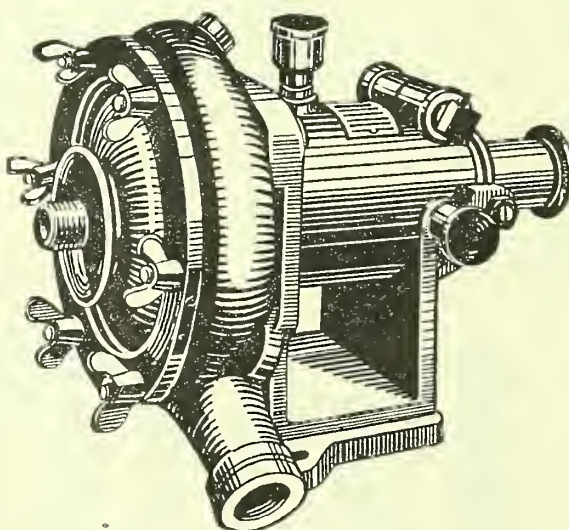
380 SALISBURY HOUSE, LONDON WALL, E.C.2

Telephone: National 5900

Telegrams: Burboul, Ave, London

## PREMIER *Colloid Mill*

a high speed belt-driven mill. Standardised in rustless Monel Metal or other metal to order. Only one moving part; the wear and tear is negligible. Recommended for BEAUTY LOTIONS, CREAMS, EMULSIONS, REGENERATED MILK, DISINFECTANTS, etc.



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[Continued overleaf.]

## Your biggest price margin — definitely on British SUGAR OF MILK

Low-priced and all-English. Serolac is the new brand of Sugar of Milk.

Because Whey Products Limited, who make it, are the only manufacturers of Sugar of Milk in the country, they are still able to sell on a level with the cheapest foreign competitor.

### Compare these prices

Sugar of Milk (Serolac Brand) is packed in  $\frac{1}{4}$ ,  $\frac{1}{2}$  and 1 lb. tins, attractively labelled and selling at trade terms of—

1 lb. tins	-	-	15/- a dozen.
$\frac{1}{2}$ lb. tins	-	-	8/- a dozen.
$\frac{1}{4}$ lb. tins.	-	-	4/9 a dozen.

Carriage forward.

Compare these low prices with what you

now pay, and see the substantial extra profit from buying Serolac—and British.

If you prefer, supplies will be forwarded in blank tins for you to label with your own name and design.

Serolac Sugar of Milk is extracted, refined and sold by Whey Products Ltd., Haslington, Cheshire. Head Office: Trowbridge, Wilts.

### Sugar of Milk in bulk

Sugar of Milk (Serolac Brand) in bulk is packed in 1 cwt. and 2 cwt. Venesta kegs lined with grease-proof paper. Carriage paid quotations are gladly supplied on request.

## SUGAR OF MILK (SEROLAC BRAND)



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# *Make a mental note*

## **JOHN THOMPSON (WHOLESALE DRUGGISTS) LTD** 1921 **SUPPLY**

WE ARE THE  
ONLY HOUSE IN  
LIVERPOOL  
CARRYING A  
COMPLETE STOCK  
OF ALL  
PHOTOGRAPHIC  
MATERIALS—  
INCLUDING  
"SELO,"  
"ENSIGN"  
FILMS, etc.

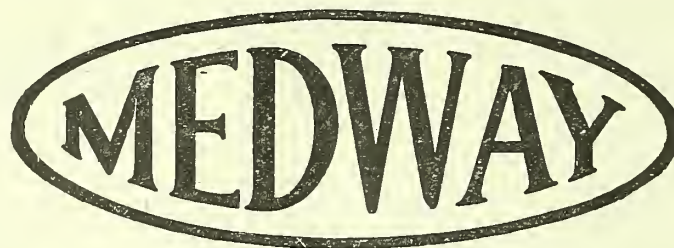
# Everything in Photographics

PHOTOGRAPHIC  
GOODS SUPPLIED  
TO APPROVED  
PHOTOGRAPHIC  
DEALERS ONLY

27-35 DUKE STREET LIVERPOOL







## CORRUGATED PAPERS

*(in rolls up to 78 inches wide)*

## PIECES, BOARDS & BOXES

*All corrugated productions  
are manufactured from our own British made  
strawpaper, produced from British  
raw materials only.*

**The Medway Corrugated Paper Co. Ltd.**

*London:*  
*Blackfriars House*  
*New Bridge St.*  
*E.C.4.*

*Telephone: Central 8482*  
*Telegrams: "Corrugated*  
*Ltd, London."*



*Provincial:*  
*Tovil,*  
*Maidstone,*  
*Kent.*

*Telephone: Maidstone 4168*  
*Telegrams: "Corrugated*  
*Tovil."*





# Bonus of 3 Tubes FREE to the Dozen New White VEET

Practically 100% Profit on outlay is obtained on this Special Summer Offer. Coincides with the depilatory season and the biggest advertising campaign for Veet ever launched. Order now on Bonus Terms:—3 TUBES FREE to the dozen PLUS the usual discounts ( $33\frac{1}{3}\%$  and 5% for cash). Handsome "Bathing" showcard free.

This Offer may have to be withdrawn at any moment without notice.

## EXAMPLE ORDER A.

	Trade.	Retail.
	£ s. d.	£ s. d.
2 doz. 6d. tubes .....	8 0	12 0
2 doz. 1/6d. tubes .....	1 4 0	1 16 0
1/3 doz. 3/- tubes .....	8 0	12 0
	2 0 0	3 0 0
Less 5% Cash Discount (For prompt settlement)	2 0	
<b>FREE GOODS:</b>	1 18 0	
6 × 61. tubes .....		3 0
6 × 1/6d. tubes .....		9 0
1 × 3/- tube .....		3 0
		3 15 0
		1 18 0
<b>YOUR PROFIT 97.37%</b>		1 17 0

## EXAMPLE ORDER B.

	Trade.	Retail.
	£ s. d.	£ s. d.
4 doz. 6d. tubes .....	16 0	1 4 0
4 doz. 1/6d. tubes .....	2 8 0	3 12 0
2/3 doz. 3/- tubes .....	16 0	1 4 0
	4 0 0	6 0 0
Less 5% Cash Discount (For prompt settlement)	4 0	
<b>FREE GOODS:</b>	3 16 0	
12 × 6d. tubes .....		6 0
12 × 1/6d. tubes .....		18 0
2 × 3/- tubes .....		6 0
		7 10 0
		3 16 0
<b>YOUR PROFIT 97.37%</b>		3 14 0



THIS HANDSOME CARD FREE  
WITH BONUS ORDERS.

## ORDER FORM.

To Dae Health Laboratories, Ltd. Date.....  
Cunard Road, Chase Estate, London, N.W.10

Please send :— ..... **A** Parcels ..... **B** Parcels

If neither of these parcels meet your needs, please write your Order below :

..... doz. 6d. Size New White Veet at 4/- dozen  
..... " 1/6 " " " " 12/- "  
..... " 3/- " " " " 24/- "

with BONUS OF THREE TUBES TO THE DOZEN and DISPLAY  
CARD which I will display in my window for 21 days.

**MINIMUM ORDER THREE DOZEN, Carriage Paid.**

Name .....

Address .....

If goods are to be  
invoiced through Wholesalers  
give name and address.



A single MINUTE spent  
on a **BOB MARTIN**  
**DISPLAY** will make  
**DOUBLE SALES**  
**CERTAIN** - this summer

From orders received direct and through wholesale houses it is already clear that this Summer the sales of Bob Martin's Condition Powders will more than double their previous record of last February.

This is the result of the colossal Advertising Campaign now running in every important National newspaper. Large-space educational announcements advising dog-owners how to protect their dogs from the consequences of overheating are now appearing and will continue to appear every week throughout the Summer.

Nine out of every ten dog-owners in your neighbourhood, including the many who have lately become the owners of their first dog, are keeping their dogs fit with Bob Martin's Condition Powders.

People buy where their requirements can be met. A display piece on your counter will tell your customers that they need not go beyond you for Bob Martin's Condition Powders. This Summer a single minute spent on a Bob Martin display will make double sales certain. Start taking your share of these double profits NOW! A postcard will bring you a complete range of new display material.

**BOB MARTIN LTD., SOUTHPORT, ENG.**

Dog Food  
and Medicine



Manufacturers  
since 1892



To **LINK** your **PHARMACY**  
with the biggest advertising campaign  
ever produced for a dog medicine

This cut-out display piece, printed in full colours and occupying only nine inches of counter space, is the perfect link between the large-space advertisements now appearing in the National press and your pharmacy. Displayed in a minute and makes double sales certain this Summer.

*Be Sure You Sell the British Made Short Head Tooth Brush with the immaculate handle:—The*

# Discus (Regd.) Nustyle

**BE SURE** the Short Head Brushes you sell are made in England.

**BE SURE** they have the Discus Nustyle immaculate Black and White Handles.

**BE SURE** they sell at competitive prices and yield you good profits.

**BE SURE** they are **DISCUS** (Regd.) **NUSTYLE**.

## DISCUS NUSTYLE SHORT HEAD TOOTH BRUSH.

	Handles	Bristle	Per doz.
No. 0.	WHITE ... ..	UNBLEACHED	} <b>8'6</b>
No. 1.	WHITE AND BLACK ...	WHITE	
No. 2.	BLACK AND WHITE ...	WHITE	
No. 3.	PLAIN COLOURS ...	WHITE	



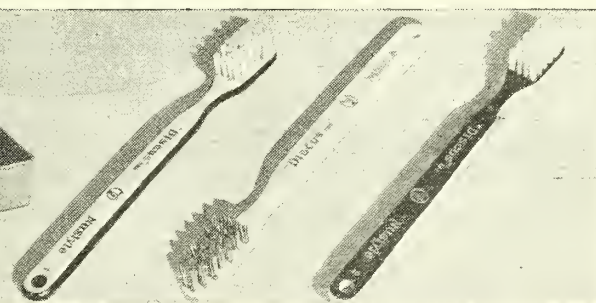
Also the NEW

## Discus Nustyle Junior

SMART, PLAIN COLOUR HANDLES—SHORT HEAD—WHITE BRISTLE ... ..  
IDEAL FOR CHILDREN AND TENDER GUMS

Per doz.

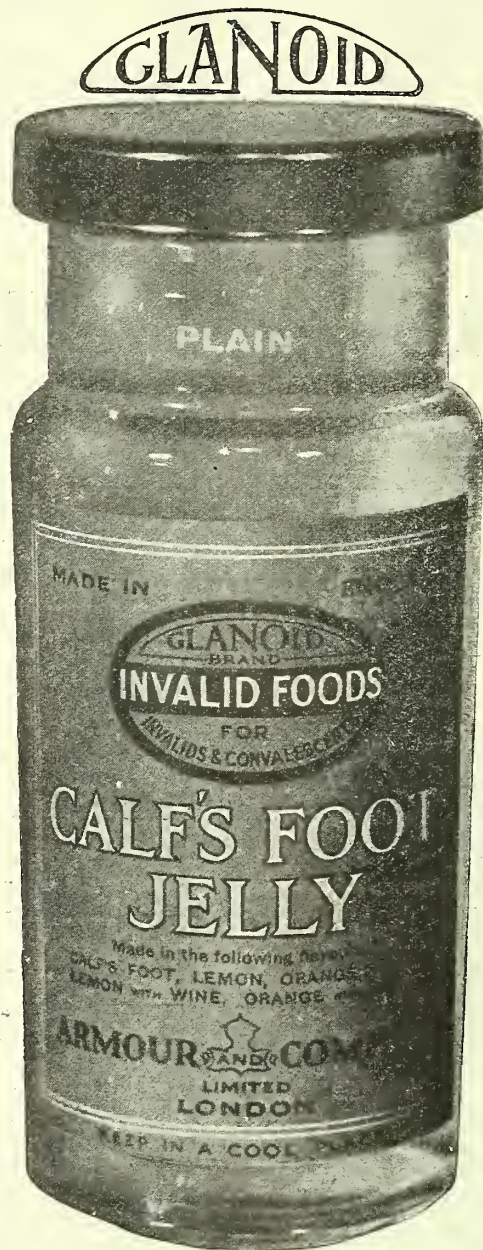
} **5'6**



**MAW—LONDON & BARNET**



**8<sup>D.</sup>**  
**PROFIT**  
 ON  
 AN  
**OUTLAY**  
 OF  
**10<sup>D.</sup>**  
 OR  
**80%**



**SOLD**  
**BY**  
**CHEMISTS**  
**ONLY**

**MADE**  
**IN**  
**OUR**  
**LABORATORIES**  
**IN**  
**SURREY**

**Retail Price 1/6 per Jar.**

**Chemists' Price 10/- per doz.**

LABORATORY DEPARTMENT  
**ARMOUR AND COMPANY**  
 LIMITED

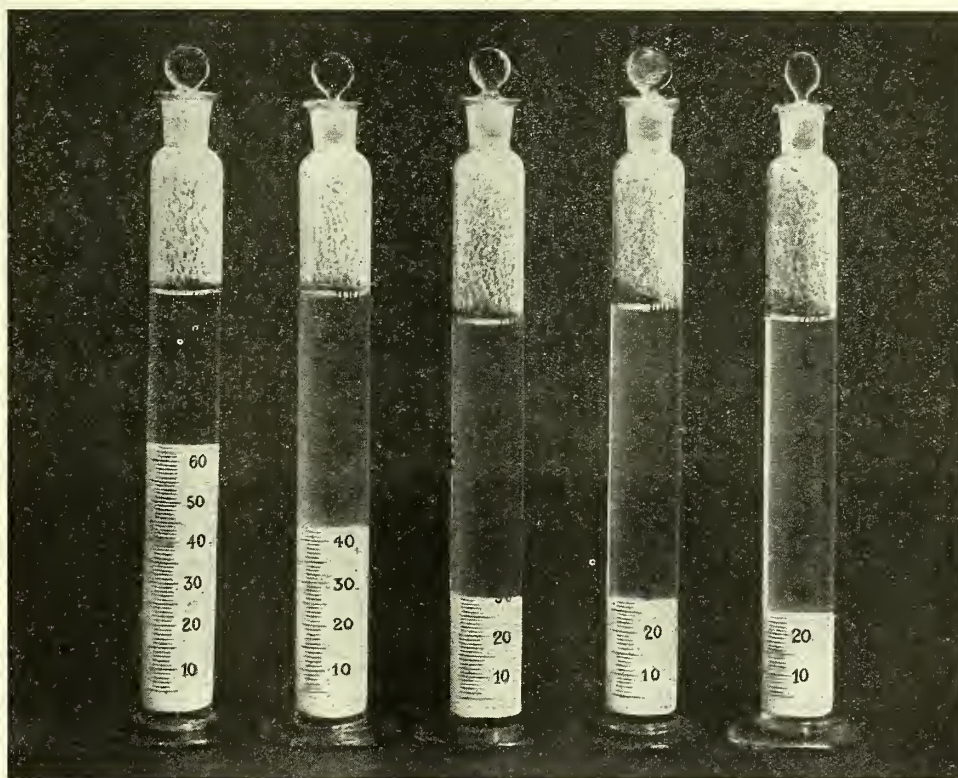
**ARMOUR HOUSE, St. MARTIN'S-LE-GRAND,  
 LONDON, E.C.1.**

TELEGRAMS: "ARMOSATA-CENT," LONDON.  
 TELEPHONE: NATIONAL 2424.



# Evans'

## SUPER LIGHT BISMUTH CARB. B.P.



(1) (2) (3) (4) (5)

Sedimentation after one hour

This photograph depicts the slow sedimentation of EVANS' Super Light Bismuth Carbonate (cylinder No. 1), as compared with 4 samples having usual commercial density. The 5 cylinders contain an equal weight of bismuth carbonate in distilled water.

The advantages are obvious ; Evans' Bismuth Carbonate needs no suspending agent when dispensed and gives a distribution effect over the gastric tract three times as great as the ordinary commercial form of this salt. The slow rate of deposition also ensures a much greater uniformity of dosage.

THEREFORE DISPENSE EVANS'  
BISMUTH CARBONATE ALWAYS

**EVANS SONS LESCHER & WEBB LTD.**  
LIVERPOOL LONDON & DUBLIN

*Everywhere  
there is a growing demand  
among men for a really good  
Hair Cream - that is why*

# 'JULYSIA' SALES GO UP



**UP  
UP  
UP**

JULYSIA arouses the enthusiasm of client and chemist alike. Men like it because it gives them all they wish for in a hair cream at a very moderate price. Chemists like it because it assures them a steadily-moving line allied with substantial profit. Read these details of our bonus scheme :-

**"JULYSIA" CREAM IS PACKED  
IN TWO SIZES**

1/- size at 8/- doz. 1/6 size at 12/- doz.

## **No. 1 PARCEL**

4 dozen 1/- size  
With FREE BONUS of 4 x 1/- Bottles  
and 4 x 1 pints for Saloon use

**BONUS TERMS—13 bots. to the doz.  
SPECIAL CARRIAGE PAID  
PARCELS On Bonus Terms :-**

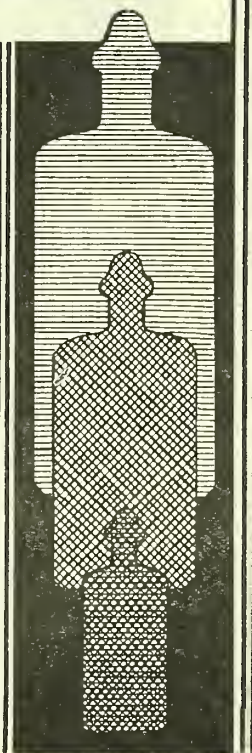
## **No. 2 PARCEL**

3 dozen 1/- size. 1 dozen 1/6 size  
With FREE BONUS of 3 x 1/- & 1 x 1/6  
Bottles and 4 x 1 pints for Saloon use

**"JULYSIA"** is also supplied in Bulk for Saloon use :-  
7/6 gallon, 4/- half gallon, 1/6 pint

**A PRODUCT OF  
JULES FRÈRES LTD**

Perfumers, 154-164 WALWORTH ROAD, LONDON, S.E.





All for  Beauty



## Beauty's Best Friends

Undiminished popularity in spite of difficult times—that is the true test of success. Harriet Hubbard Ayer preparations have been selling largely in this country for four years. And, at this crucial moment, they are actually gaining ground in the hearts of thousands of discriminating women.

Widespread and dignified advertising in important papers and periodicals has done much. But it is the purity, effectiveness, and clever planning of these preparations which is, above all, responsible for their steady progress.

Become a Harriet Hubbard Ayer agent now—and before a month is out you will congratulate yourself. 'Luxuria'—the biggest selling number—is much in favour at the moment because it enables women to cleanse, soothe, and nourish their skin with a single preparation.

Give us the pleasure of a personal call, or write for particulars to  
Harriet Hubbard Ayer Ltd., 130 Regent Street, London, W.1.

The retail prices of the famous LUXURIA Cream are 2/3, 4/=-, 8/6, 11/9

Skin & Tissue Builder 4/=-, 7/6, 18/9, 30/=-

Beautifying Face Cream 4/=-, 7/6, 18/9, 30/=-

Beautifying Face Powder 4/3

Complexion Balm 3/6, 7/=-

Eau de Beauté 4/=-, 8/=-

# HARRIET HUBBARD AYER

Beauty Preparations

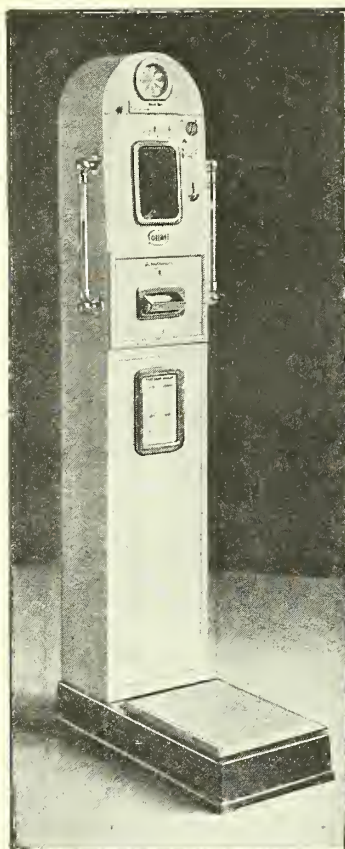
LTD.

NEW YORK

LONDON

PARIS





**INSTAL NOW.**

**OLLWI  
TICKET PERSONAL WEIGHER**

Positively the lowest priced Ticket Weigher obtainable.

**DO NOT MISS**

writing to-day for further information with Pharmacy Advertisements.

**COMPACT - ATTRACTIVE - SIMPLE**

To Automatic Novelty & Development Agency, Ltd.,  
87 Regent Street, London, W.1

Please send details of your "OLLWI" without any obligation

to  $\frac{\text{me}}{\text{us}}$ .

Name.....

Address.....

Agencies throughout Great Britain.

**Perfumery  
boxes**

**Robinsons of  
CHESTERFIELD**

WHEAT BRIDGE MILLS, CHESTERFIELD & 168, OLD STREET, LONDON, E.C.1.



# PAPIER POUDRÉ

If you **SHOW** it you will **SELL** it — a **TEST** will **PROVE** this!

A Special Advertising Campaign has commenced and will increase week by week. Remember, **PAPIER POUDRÉ** has a definite and unique appeal; it both cleanses and powders. Nothing else is so convenient, especially in warm weather. **THE SALES ARE STEADILY INCREASING**—take your share of them!

Sold in the new 1 dozen Display Outers by all Wholesalers, or direct from  
**PAPIER POUDRÉ LTD., 46, Baker Street, LONDON, W.1.**

## G. B. KENT & SONS, LTD.

Are known the World over as  
the Largest Manufacturers of

### BEST BRITISH BRUSHES

Please write for full Particulars to :  
**75 FARRINGDON ROAD, E.C.1**

## Use PREMO PERFUME ESSENCES

In the **MANUFACTURE** of your  
**TOILET PREPARATIONS.**

You can always rely on the  
quality and uniform strength  
of the

**PREMO ESSENCES.**

They will mix freely with spirit,  
water, fat and oil.

Send for **Free Samples**  
and **Price List.**

**THE PREMO CO.**  
63 High Holborn, London, W.C.1



## TAYLOR'S CIMOLITE TOILET POWDER

THE PERFECT POWDER FOR NURSERY USE



A perfectly bland and non-irritating Powder. Invaluable in  
all cases of Excoriations, Chafing, Roughness of the Skin, etc.  
Recommended by eminent skin doctors and recognised as the  
leading Toilet Powder for over 70 years by the nursing profession.  
Used in the Royal Households.

In deference to the many requests received from users of  
"CIMOLITE," a sprinkler tin to retail at 1/1½ is now available.  
This new packing is in addition to the familiar 1/1½ packet  
which is still on the market.

When ordering please specify **TINS or PACKETS.**  
"CIMOLITE," in all sizes, also **CIMOLITE SOAP AND CREAM**, is stocked by  
all Wholesale Chemists and Druggists.

**TERMS and ILLUSTRATED PRICE LISTS, also ATTRACTIVE SHOWCARDS,**  
Counter Bills and other selling literature, obtainable from

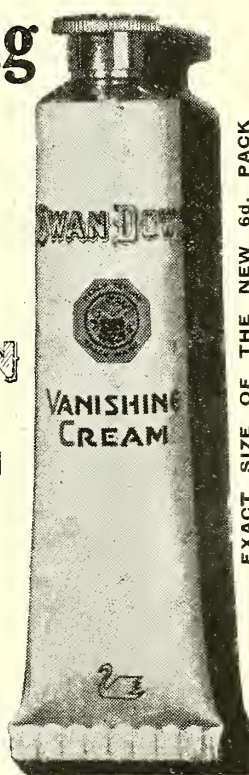
**JOHN TAYLOR, 30 Baker Street, Portman Square,  
LONDON, W.1.**

## Introducing THE BIG NEW BRITISH 6D. SIZE

**SWAN-DOWN**  
VANISHING  
&  
COLD CREAM

**SPECIAL  
20 DAY OFFER  
14 TO THE DOZEN  
THROUGH YOUR USUAL  
WHOLESALE**

**HENRY TETLOW CO. LTD.**  
61 EAGLE ST., LONDON, W.C.1



EXACT SIZE OF THE NEW 6d. PACK

## Protected Prices — assured Profits DISPLAY



**NORVIC** Regd  
**BLUE CARTON CRÊPE  
BANDAGES & BINDERS**  
FULL 33½% P.A.T.A.

Stocked by all the leading wholesalers.  
Showcards free on request.  
Sole Manufacturers:—Grout & Co., Ltd.  
35 Wood Street, London, E.C.2





more wasted time  
cleaning Medicals.  
Concentrate upon your  
dispensing with a carton of  
U.G.B. Washed and Sterilized Medicals  
at your elbow.

Not merely rinsed, as are many competitive makes of so-called "washed" bottles, but scientifically sterilized in boiling distilled water and dried in super-heated filtered air, then packed in dust-proof cartons. The U.G.B. Washed and Sterilized service means a saving of at least an hour a day for the busy dispenser.

*Supplied in both Cork  
Mouth and complete  
with White Enamelled  
Rustless Screw Caps.*

## **UNITED GLASS BOTTLE** MANUFACTURERS • LIMITED

*The Largest Manufacturers of Glass Bottles  
in Europe*

**40/43 NORFOLK STREET  
STRAND, LONDON  
W.C.2**

*Telephone : Temple Bar 6685 (10 lines).*

*Telegrams : "Unglaboman, Estrand, London."*



# More *and* Bigger Advertising

for

**Gibbs**

GDT10a

## Toilet Preparations

A Full Front Page Advertisement for Gibbs Dentifrice in the "Daily Mail" on July 22nd—big dominant spaces as well, in this and other National Daily and Sunday Newspapers—consistent, insistent advertising for Gibbs Shaving Preparations—the new "Pharmacists Series" of high quality toilet soaps at highly competitive prices—

These are some of the ways by which Gibbs are helping the Trade, creating new selling opportunities for Gibbs stockists. There is no depression where Gibbs are concerned : instead there is consolidation and steady growth.

Display Gibbs Toilet Preparations prominently in your window and in your shop. Use these dynamic sales aids as signals to attract to yourself many of the new Gibbs Customers this big national campaign is producing.

Co-operate ! And the nation-wide pull of Gibbs Advertising and Goodwill will lift your sales to new standards.

D. & W. GIBBS LIMITED,  
City Soap Works, London, E.1.



# A Line for Chemists only

*Good supplies of window and counter display material are sent with each bonus order.*

SOME shaving soaps may be bought anywhere — barbers, ironmongers, one-price stores, grocers and even newsvendors. But Parke-Davis Shaving Cream can be bought only from chemists, for it contains mercuric iodide.

This "chemists' shaving cream" deserves and receives unstinted pharmaceutical recommendation—there is no better shaving preparation on the market.

Moreover, it is a profitable line especially when bought on the exceptional terms now offered.

Support the "chemists' shaving cream." Buy a bonus lot to commence with. Particulars of the special offer will be sent on application.

M.R.P.

1/6

per tube

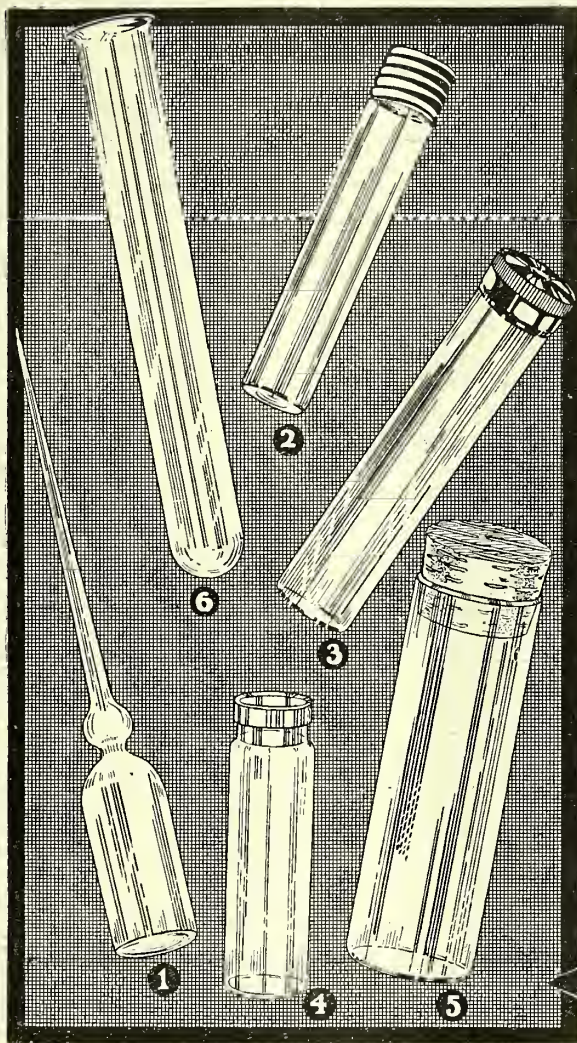
**PARKE-DAVIS**  
**Shaving Cream**

PARKE, DAVIS & CO., 50 Beak St., London, W.1. Laboratories: Hounslow, Mx. Inc. U.S.A., Liability Ltd.



SUPERIOR QUALITY

## GLASSWARE



ILLUSTRATED

- |                                      |                               |
|--------------------------------------|-------------------------------|
| 1. Ampoule                           | 4. Vial                       |
| 2. Screw Neck Vial                   | 5. Flat bottom tube with cork |
| 3. Flat bottom tube with push-on cap | 6. Test tube                  |

WHOLESALE ONLY SUPPLIED

Let Us **QUOTE YOU**  
for your next order!

## BUY BRITISH SAVE MONEY

**M**ANUFACTURING chemists and others who are large users of this type of glassware can now **BUY BRITISH**—get a superior article—and definitely save money!

In the past, Continental manufacturers—with lower labour costs—held the market! To-day, after years of experiment in mass production methods, we have succeeded in producing a higher quality of article fully tested and well finished—to sell at a cost lower than Continental prices!

This glassware is now actually made at our London Factory by these methods—it is British throughout—and better.

It is a great opportunity for manufacturing chemists—to cut down their costs on glassware.

Next time you are ordering may we quote you? It will save you money! Please file this page for reference.

# SAMCO

GLASSWARE

All Enquiries to—

**S. MURRAY & Co. Ltd.**

RECORD HOUSE

11 &amp; 13, FARRINGTON RD., E.C.1.

'PHONE: HOLBORN 0717-0718.





*Section of National Foot Clinic*

## STUDY CHIROPODY

Up-to-date Chemists realise the necessity for scientific care of the feet. They are opening Chiropody Departments and sending reliable assistants to train for the Chiropody profession.

Young men and women with enterprise and initiative are studying Chiropody and after qualifying find lucrative posts or start in private practice.

This Institution is run in connection with the largest Foot Clinic in Europe—where the Students receive their practical training.

The course covers a full time period of 3½ months intensified study and students can qualify as members of the National Institute of Chiropody M.N.I.Ch. Fees Moderate. Next Course starts August 15th.

**EMPLOYERS** *This School can recommend qualified Chiropodists to fill vacancies*

Write for Prospectus

**THE NATIONAL SCHOOL OF CHIROPODY**  
1, Sagar Street, Strangeways, MANCHESTER

## Heriot-Watt College, Edinburgh DEPARTMENT OF CHEMISTRY

Prof. T. SLATER PRICE, O.B.E., D.Sc., Ph.D., F.I.C., F.R.S.

### FULL TIME DAY DIPLOMA COURSES:

APPLIED CHEMISTRY: METALLURGY & ASSAYING:  
OIL TECHNOLOGY: PAPER MANUFACTURE:  
FUELS: BIO-CHEMISTRY: BREWING.

PHARMACY: PHARMACEUTICAL CHEMISTRY

**CLASSES COMMENCE 11th OCTOBER**

*Full particulars from the College*

**J. CAMERON SMIL, O.B.E., F.R.S.E., Principal**

## SALES OF "TENZ" TAKE AWAY THE BREATH

"Tenz," the tablets that sweeten the breath without scenting it, are being used by people in every walk of life.

"Tenz" Antiseptic Tablets instantly remove all odours from the breath. There is a universal demand for this line. Keep the dainty Display Box on your counter, and get your share of the sales. Sells at 3d. per tube and shows big profits. Order direct or from your usual Wholesaler.

**Tenz Manufacturing Co., 8 Fairfield St., Manchester**

## UNIVERSITY COLLEGE, NOTTINGHAM SCHOOL OF PHARMACY

## MANY SUCCESSES IN THE EXAMINATIONS

Your Opportunity to

## QUALIFY IN OPTICS

**PRACTICAL WORK.** Personal tuition in the practical work is a distinctive feature. Students can avail themselves of the practical classes held during examination times when they are in London.

*Expert Tuition for the SIGHT-TESTING DIPLOMAS of the Worshipful Company of Spectacle Makers (F.S.M.C.); the British Optical Association (F.B.O.A.); the National Association of Opticians (F.N.A.O.); or the College of Optics (F.C.O.)*

Write for full particulars—

**G. A. SCURR, M.P.S., F.S.M.C., F.B.O.A., F.N.A.O., B.Sc., F.I.O., F.C.O.**  
50 HIGH STREET, BARNET, LONDON, N.

## WESTMINSTER COLLEGE OF PHARMACY.

## WILLS' UNIVERSAL POSTAL SYSTEM

FEES (GT. BRITAIN & N. IRELAND).

PRELIMINARY SCIENTIFIC COURSE - £1 10  
QUALIFYING COURSE - - - - £1 10  
APOTHECARIES' HALL COURSE - - - £1 11 6

**POSTAL COURSE PROSPECTUS POST FREE**  
*from The Secretary,*

**190 CLAPHAM ROAD, S.W.9.**

## NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessities from him. Moreover, the continuous demand for it produces a quick turnover.

*For Direct Terms apply to—*

**OSCAR SCRUTON & CO., YORK**

## MANCHESTER TUTORIAL COLLEGE 327 OXFORD ROAD, MANCHESTER

J. E. GRIME, B.A., B.D. } Directors of Studies.  
V. J. SANSOM, B.Sc. }

REVISION COURSES for PRELIMINARY SCIENTIFIC EXAM. start OCTOBER, JANUARY, APRIL & JULY.  
FULL COURSES for MATRIC. and PHARM. PRELIM.

*Principal:*

**H. Stewart, C.M.G., D.S.O., M.A.**

*Head of School:*

**A. O. Bentley, Ph.C.**

Illustrated prospectus containing particulars of courses, fees, etc., for all pharmaceutical examinations may be obtained on application to the Registrar.



**SUMMER SALES**

**POTTER'S VITALIZING FRUIT SALINE**

**Clarke's LIVER SALTS**

**HEALTH SALT**

**PRICES**

**Potter's Vitalising FRUIT SALINE**

8 oz. bottles (retail 1/9) 12/- dozen  
 4 oz. bottles (retail 1/3) 8/- dozen  
 Attractive show matter with all orders.

**All the Year Round HEALTH SALT**

4 oz. tins ... 4/6 dozen  
 Gross lots ... 4/3 dozen  
 1/- Bottles (4 oz.) ... 7/- dozen  
 1/6 Bottles (8 oz.) ... 10/- dozen

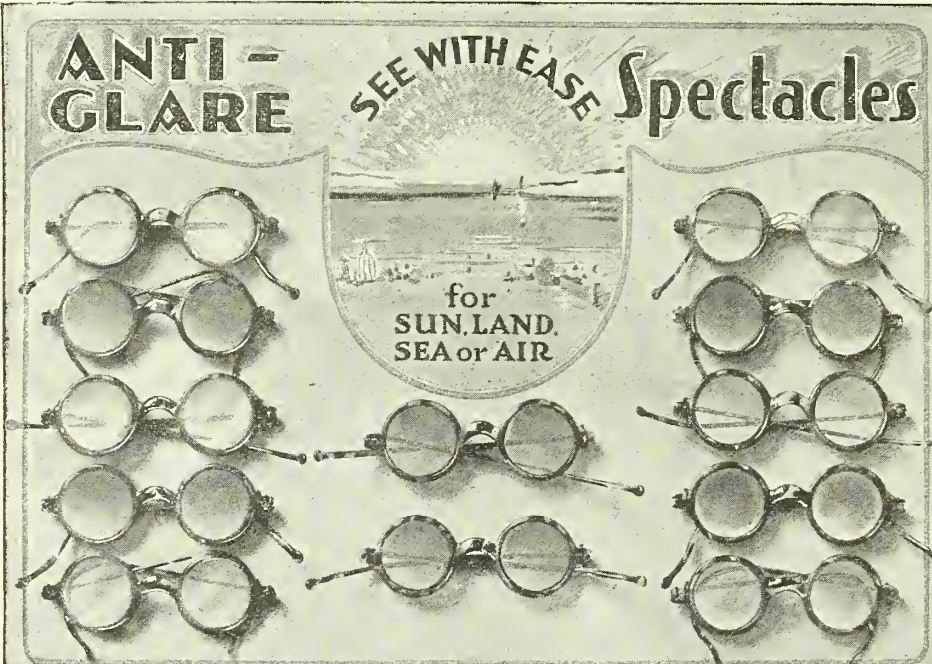
**Clarke's LIVER SALTS**

4 oz. tins ... 5/- dozen  
 3 Dozen lots ... 4/9 dozen  
 1 Gross lots ... 4/6 dozen  
 Handsome Showcard with all orders

**POTTER & CLARKE LIMITED**  
*Drug Merchants—Manufacturing Chemists*  
 60, 62, 64 ARTILLERY LANE, LONDON, E.1.  
 Phone:—Bishopsgate 4761-5 lines. Grams:—Horsehound, phone London. (2 words)  
 and 24, LUNA STREET, GREAT ANCOATS STREET, MANCHESTER  
 Phone:—Manchester City-6043. Grams:—Horsehound, Manchester



**ANTI-GLARE** *SEE WITH EASE* **Spectacles**



for  
SUN, LAND,  
SEA or AIR

This Show Card is printed in Seven Colours and is Strutted to stand on Counter. Each Card consists of Twelve Imitation Shell Spectacles fitted with Assorted Smoke & Fieuzal LENSES

Price of Complete Card of One Dozen Spectacles

**8/-**

Loose Spectacles for Replacements per 6/6 doz.

Postage or Carriage extra.

"SEE WITH EASE" ANTI-GLARE SPECTACLES OBTAINABLE ONLY FROM

**THE GENERAL OPTICAL COMPANY (E. T. & F. W. CORNWELL)**

Phones: Clerkenwell 2962/2963.

**120 CLERKENWELL RD., LONDON, E.C.1**

Tele.: "Genoptico Smith London."

**STOKES WATER STILL & TABLET MACHINES**  
are now ALL BRITISH  
and manufactured by  
**THOMPSON & CAPPER WHOLESALE LTD.**  
MANESTY BUILDINGS, COLLEGE LANE, LIVERPOOL

**"VITAMIN TESTED YEAST"**

*Yeast specially prepared for medicinal purposes.*

GUARANTEED ABSOLUTELY PURE.

MIDGLEY & PARKINSON, LTD.  
WARREN WORKS, PUDSEY, LEEDS.

**IONIZED IODINE**

(MOLSON BRAND)

Obtainable from the usual wholesalers or the makers

**MOLSON IONIZED IODINE CO. Ltd.**

34 C, GABRIEL'S HILL, MAIDSTONE



**SHADEINE**  
FOR TINTING GREY HAIR

This popular article is largely advertised and stocked by all Wholesale Houses.

1/4 size, per doz.	6/-
1/2 size, per doz.	12/-
2/3 size, per doz.	24/-
3/4 size, per doz.	36/-

The SHADEINE Co. 58, Westbourne Grove, London, W.2

**BONCILLA**

Sells easily—displayed or not.  
In tubes or jars from 1/6 upwards.  
As it displaces nothing it is new  
trade with a BIG PROFIT.  
J. C. GAMBLES & Co., Ltd.  
211 Blackfriars Road, S.E.1

**BEAUTIFIER**

**COMPOUND ESSENCE for EAU de COLOGNE LUX**

Prepare high class Eau de Cologne With  
ESSENCE COMP. pour EAU DE COLOGNE LUX "ESPERIS,"

From The Fresh & Best Italian Oils

One dose per pint: - 100 Grs. for s 12 Postfree

**ESPERIS - Via Bollo, 4 - MILAN (ITALY)**

**Cachet** CLOSING and FILLING **machines**  
**4/6 to 47/6**

to suit all Dispensing Requirements.

WRITE FOR ILLUSTRATED LIST.

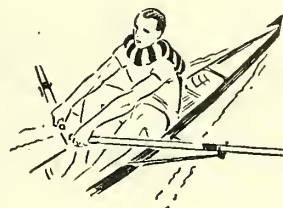
THOS. CHRISTY & CO., 4-12 Old Swan Lane, LONDON, E.C.4.



# Your customers are already interested!



Sportsmen and sportswomen,  
holiday makers and all open-air  
enthusiasts are interested in a  
preparation which will protect  
them from the bites of midges,  
gnats and mosquitoes.



*Reduced facsimile*

## TRADE MARK 'SKETOFAX' BRAND AROMATIC CREAM

Repels attacks or soothes bites received when precautionary measures have been neglected. The tube, carried in the handbag or pocket, is always ready for effective service. There is no mess, no stain and no waste.

Its seasonal interest makes it worthy of a prominent display  
Showcards will gladly be sent free upon request

*Prices in London to the Trade*

*Collapsible tubes at 12/6 per doz. (subject)*



**BURROUGHS WELLCOME & CO.**  
LONDON

Should your customer require a first-class  
Lavender Water or Eau de Cologne  
you cannot do better than offer—

**Maddocks'**

Old English

**Lavender Water**

and

**Eau de Cologne**



*The Original Formula unchanged for over 50 Years.*

The lovely bouquet for which these perfumes are famous is obtained by allowing them to thoroughly mature before packing. Your customer will appreciate this selling point.

*A few leading lines—Full List on application.*

P.A.T.A.				DOZEN.	Selling at				DOZEN
No. 1	...	1/9	...	14/-	Round bottle.	No. 88	...	1/-	8/- Watch Shape.
" 3	...	3/9	...	30/-	" "	" 100	...	9/6	76/- Round stoppered.
" 4	...	8/-	...	64/-	" "	" 110	...	10/-	80/- Square "
" 5	...	10/6	...	84/-	" "	" 114	...	3/9	30/- Farina,
" 6A	...	3/9	...	30/-	Square "	" 115	...	6/6	52/- Sprinkler neck.
" 6B	...	5/6	...	44/-	" "	" 124	...	2/3	18/- Tulip Shape,
" 6	...	8/-	...	64/-	" "	" 125	...	3/9	30/- Sprinkler neck.
" 85	...	1/6	...	12/-	Watch Shape.	" 118	...	7/6	60/-
" 86	...	2/3	...	18/-	Sprinkler neck.				

**WARRICK BROTHERS, LTD**

*The Reliable House with more than a Century's Experience.*

Nile Street, City Road, London, N.1.

Telephone : Clerkenwell 2452 (two lines).

Telegrams : Warrickers, Nardo-London.



# THE CHEMIST AND DRUGGIST

A Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

*The official organ of The Pharmaceutical Society of Ireland,  
The Chemists' and Druggists' Society of Ireland, and of  
other Chemists' Societies in Overseas Dominions*

PUBLISHED AT

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (8 lines)

BRANCH OFFICES

4 CANNON STREET, MANCHESTER (TEL.: BLACKFRIARS 3052)  
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54 FOSTER'S BUILDINGS, HIGH STREET, SHEFFIELD (TEL.: 22458)  
99 QUEEN STREET, MELBOURNE, AUSTRALIA

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## News of the Week

### Import Duties—Exemptions for Machinery

The Import Duties Advisory Committee announce that they are now open to receive applications in connection with the scheme authorised by Section 10 of the Finance Act, 1932, for the exemption of particular consignments of machinery, being machinery of a kind not for the time being procurable in the United Kingdom, from the whole or part of the duties chargeable under the Import Duties Act, 1932. The Committee have recommended and the Treasury have approved that the Section shall at present apply to specified classes or descriptions of machinery, including the following, which are of interest to the chemical and allied industries:—

Glass Making and Working Machinery.  
Chemical and Soap Making Machinery.  
Weighing, Packing and Filling Machinery.  
Machinery for corrugating, cutting, creasing and folding paper and cardboard, and for the manufacture of cardboard boxes, tubes and cartons and of paper bags.  
Electric Furnaces.  
Food Preparation Machinery.  
Brush Making Machinery.

Application may be made by or on behalf of a firm purchasing machinery for their own use, or by an importer having the sole agency for the sale of a particular machine in this country. The appropriate forms of application may be obtained on request in writing from the Secretary, Import Duties Advisory Committee, Caxton House (West Block), Tothill Street, Westminster, London, S.W.1. Firms who have already been in communication with the Committee on this subject will receive the appropriate forms without further application.

### Import Duties Act, 1932—Exemption Order

The Import Duties Advisory Committee, on June 29, recommended H.M. Treasury to add the under-men-

tioned products to the schedule of goods exempted from liability to the 10 per cent. import duty. H.M. Treasury, on July 12, issued an order under Section 1 of the Import Duties Act, 1932 (Import Duties Exemptions No. 2 Order, 1932), authorising the transfer of these classes of goods to the Free List. The Treasury Order came into force on Friday, July 15, 1932. Glycol ethers and glycol ethyl-esters; bromine; crude boron minerals and concentrates of boracite and rasorite; natural, but not terpeneless, essential oils, the following: anise; bois de rose; brown camphor; bergamot; geranium; lavender; lemon; peppermint. It will be noted that citronella oil, which was included in the notice issued by the Advisory Committee at the end of May (C. & D., May 21, p. 547) is not included in the Treasury exemption order.

### Penalties Upon Misdescribing Articles as Spirits or Beer

The following notice has been issued by the Commissioners of Customs and Excise:—

#### I.—MISDESCRIPTION OF FORTIFIED WINES AS SPIRITS

1. *Misdescription an Offence.*—Section 11 of the Finance Act, 1932, prohibits the description of any liquor in any label, wrapper, bill or advertisement of any kind, by any name or words calculated to indicate that the liquor is spirits, or a substitute for spirits, or resembles spirits, or is wine fortified or mixed with spirits, unless spirit duty has been paid on at least 97½ per cent. of the liquor.

2. *Names which amount to Misdescriptions.*—A mere name amounts to a misdescription, even though in itself it may not suggest spirits, if it has in the past been used in association with any kind of statement contrary to paragraph 1. The same applies to a name similar to a name which has been so used.

3. *Sale of Misdescribed Liquors an Offence.*—It is likewise an offence to sell or have in possession for sale

any liquor misdescribed in the manner explained in paragraph 1 or paragraph 2, whether the misdescription is issued by the seller himself or by some other person.

4. *The Effect*.—The effect is that it is illegal to label, advertise, sell or have in stock any liquor, which has not paid duty as spirits, under such names as "brandy wine." The same applies to fancy names which in any way suggest spirits or an admixture of spirits, and to names which are misdescriptions by association, as explained in paragraph 2. All such statements as that a liquor contains spirits, or has the flavour of or in any way resembles spirits, or is wine fortified, mixed or blended with spirits, are equally prohibited. (But see paragraph 11 as to the period of grace.)

5. *Genuine Wines and Cocktails*.—It is still permissible to use—

(i) The recognised names of genuine wines, such as "port" or "sherry," or

(ii) Cocktail names which were in use before May 4, 1932, to describe ready-made brands of cocktails containing vermouth and spirits, the quantity of vermouth in which was at least equal to that of proof spirits.

This only applies to names, and neither wines nor cocktails may be labelled or advertised as fortified or mixed with spirits.

#### II.—MISDESCRIPTION OF SUBSTANCES AS BEER

6. *Misdescription an Offence*.—Section 12 of the Finance Act, 1932, prohibits the description of any substance (i.e., not merely a liquor, but also, e.g., brewing materials in packets), in any label, wrapper, bill or advertisement of any kind, by any name or words calculated to indicate that the substance is, or is a substitute for, or resembles, *ale*, *beer*, *porter* or *stout*, unless beer duty has been paid on the whole of the substance.

7. It will therefore be illegal in future to describe liquor below the limits of 101° in gravity and 2 per cent. in proof spirit content (unless made on licensed brewery premises and duty-paid) by any such names as "bitter ale," "herb beer," or "brown stout," or by any names including the words "ale," "beer," etc. Any words suggesting that a liquor or other substance is, or is intended for use in making, "ale," "beer," etc., will similarly be illegal. (See paragraph 11 as to the period of grace.)

8. The names "ginger beer" and "ginger ale," however, are still permissible.

9. *Sale of Misdescribed Substances an Offence*.—It is likewise an offence to sell or have in possession for sale any substance misdescribed in the manner explained in paragraphs 6 and 7, whether the misdescription is issued by the seller himself or some other person.

#### III.—PENALTIES

10. The penalty for offences is a fine not exceeding £100, and forfeiture of the offending articles.

#### IV.—PERIOD OF GRACE

11. In both cases I and II above, up to September 30 next inclusive is allowed as a period of grace during which goods may be sold off under the labels, wrappers, etc., under or in which they have been previously sold. This is strictly limited, however, to *labels, wrappers, cartons, etc., which go with the goods as sold to the public*. All window-cards, handbills and other advertisements of every kind, if contrary to the law as explained above, must be withdrawn at once.

#### Grading and Marking Honey

The Minister of Agriculture and Fisheries has issued regulations (S.R. & O. No. 483. H.M. Stationery Office, 1d.) relating to grades and marks for honey. Grade designations to indicate the quality of honey made by bees, from nectar, in England and Wales shall be as follows:—"Select"; "Select (Section)." The qualities indicated by such grade designations shall be deemed to be as described in the Schedules. A grade designation mark shall be any one of the grade designations specified above, associated with the words "Empire Buying

Begins at Home" and with the following mark, namely, a map of England and Wales in silhouette with the words "Produce of England and Wales" inscribed in a circle placed centrally in the map within which circle is a design representing the Union Jack.

#### Miscellaneous

**POISON-LICENCE APPLICATION**.—Mr. R. V. Dickenson, The Square, Kenilworth, has applied to the local authority for a licence to sell agricultural and horticultural poisons.

**INQUESTS**.—At Swansea, on July 9, a verdict of "suicide" was returned at an inquest on a man named Parmiter, who, according to medical evidence, died from the effects of drinking a liniment which contained aconite.—At an inquiry at St. Pancras, London, on July 12, into the circumstances attending the death of a seventeen-months-old baby, it was stated that death was due to strychnine poisoning after swallowing a number of tablets prescribed for its father. The inquest was adjourned.

**IN THE COURTS**.—At Brentford Police Court, on July 12, Jacob Fox, a motor-driver, was fined £5 for unlawfully being in possession of cocaine, and Maisie Fox, otherwise Bardsley, who was summoned with him, was bound over.—At Cambridge, on July 11, a police constable named Doyle was remanded on a charge of breaking into the shop of Mr. J. B. Simmons, chemist and druggist, Regent Street, and stealing fifteen bottles of wine.—At Portsmouth on July 13, John Grech, a Maltese, employed as a canteen assistant in H.M.S. "Royal Sovereign," was sentenced to twelve months' imprisonment for unlawfully possessing cocaine.

#### Irish Notes

##### Ulster Retail Drug Trade Association

The monthly meeting of the Executive Committee of the Ulster Retail Drug Trade Association was held on July 5, the president (Mr. A. E. A. Davis) in the chair. Mr. Culbert, one of the delegates appointed to represent the U.R.D.T.A. at the meeting of the Proprietary Articles Trade Association, held in London on June 15, sent a written report, which was read by the secretary, in which he gave a comprehensive summary of the proceedings at that meeting. Mr. W. J. Hardy, the other delegate, also gave a report. After some discussion on the report, the president thanked Mr. Davis and Mr. Culbert, on behalf of the Committee and Association, for their valuable services, and all present endorsed the president's remarks by acclamation. The secretary reported that Mr. Adams, Mr. Dundee, Mr. Hardy and himself, had paid a visit to Londonderry to confer with the local Association regarding some questions of mutual interest, and as a result a satisfactory agreement had been reached. Mr. Adams and Mr. Hardy supplemented the secretary's statement. Mr. Hardy proposed, and Mr. Adams seconded, and it was unanimously passed, that the secretary convey to the members of the Londonderry Association the very appreciative thanks of the Executive Committee for the courteous reception and generous hospitality accorded to the deputation.

##### In the Dail

In the Dail, recently, Mr. Blythe moved that the tax on imported hydrocarbon white oil be reduced from 50 per cent. to 10 per cent. The tax, he said, would bring in medicinal paraffin. Mr. Lemass (Minister for Finance) said all oils that would come under the tax were being manufactured in the Free State. The duty included medicinal paraffin. It was anticipated that the duty would result in an increase of employment. Mr. Blythe said he would not object to 10 or 15 per cent. Mr. Lemass said that in the existing circumstances it was shown that a lesser duty would not be effective. The amendment was withdrawn. Mr. McGilligan moved that the whole scope of the package tax should be limited by the elimination from it of medical preparations. Dr. O'Higgins said he had been



assured that Irish chemists could not carry on by buying in bulk and making the preparations up in small bottles and boxes. The tax would put the ordinary chemist's shop out of existence. Mr. Lemass, in reply, said if what Deputy O'Higgins said was true it was hard to understand the enthusiasm of the chemists who welcomed the tax by resolution and otherwise. There were quite a number of reputable firms making up medicine packages for wholesale distribution, and they were increasing their staffs as a result of the tax. The business was one that should be to the greatest extent retained in the country. The majority of the proprietary medicines sold in packets were now being packed in Dublin. The amendment was defeated.

#### Brevities

An interesting presentation took place on July 6, at the Metropole Hotel, Cork, when Mr. P. J. Fielding (a member of the Council of the Pharmaceutical Society of Ireland) was the recipient of a handsome solid silver spatula, suitably engraved, from the Committee of the recent pharmacy dance. Mr. Hanna, on making the presentation, paid a glowing tribute to Mr. Fielding's splendid work on the Council, and especially the great interest he had taken in the welfare of the students. Mr. Fielding had won the affections of all in the pharmaceutical profession. Mr. Fielding thanked the Committee for the gift, which, he said, he would always treasure. Vocal items were contributed by Dr. Arthur Buckley and Mr. A. H. Devlin.

## Scottish Notes

#### Brevities

Mr. George Dowie, chemist and druggist, is representing Soho, Ltd., photographic material manufacturers, 3 Soho Square, London, W.1.

Mr. R. E. Drayton has been appointed to succeed Mr. Wraight as representative of J. Grossmith & Son, Ltd., perfumers and fine soap makers, Newgate Street, London, E.C.1.

The new president of the Perth Rotary Club, in taking over his duties, referred to the splendid work which had been carried through by his immediate predecessor, Mr. Thomas Harley, chemist and druggist.

Francis Newbery & Sons, Ltd., druggists' sundriesmen, 27 Charterhouse Square, London, E.C.1, have appointed T. M. Fraser & Son (Mr. Thomas Fraser), 100 Princes Street and 16 Cambridge Avenue, Edinburgh, to represent their interests in Scotland.

At Dumfries, on July 8, Robert Hawley, who had been employed as a messenger by Mr. H. Spence Culbert, chemist and druggist, 145 High Street, Dumfries, was charged with stealing two cameras, the property of his employer, and Alexander Little was proceeded against for receiving the cameras, knowing them to have been stolen. Little was fined £5, and the sentence in the case of Hawley was deferred for six months.

# Topical Reflections

By Xrayser

## Apprenticeship Regulation

in pharmacies would appear to be urgently called for, in view of what was stated by Mr. James Jack at a recent meeting in Edinburgh (*C. & D.*, July 9, p. 44), but it is far from clear to me how the strictest regulation can ensure that apprentices shall receive training in practical pharmacy in many shops where the business of a chemist and druggist is nowadays carried on. It is, of course, absurd that it should be possible for a pharmaceutical apprentice to complete his period of training without ever having used a pill mortar or a suppository mould, and without having made or taken part in making any galenical preparation. But I fear there is no getting away from the fact that there have been such cases, and the question is what kind of regulation can prevent the occurrence of anything of similar nature in future. So far as I can see, the only satisfactory remedy will be to restrict the employment of apprentices to shops where the necessary facilities for gaining the required experience are available and certain to be utilised. Then regulation, involving inspection at any time, may be expected to prove effective. It will be noted that stringent requirements are to apply to manufacturing pharmaceutical laboratories where apprentices may be trained (p. 43), and I believe the Pharmaceutical Society is equally insistent upon hospitals and other institutions making proper provision for training. In chemists' shops alone is there freedom from any restriction in this respect, and this is a reproach which should be removed as quickly as possible.

## Your Preliminary Survey

of the new British Pharmacopœia is so favourable that one's desire to make personal acquaintance with the book is decidedly quickened. Revision seems to have been exceedingly drastic and the number of articles which will now cease to be official is extraordinarily high. But it is to be remembered that a period of eighteen years has elapsed since last we had a new pharmacopœia, and that enormous

advances in medicine have been made during that period. Such changes as you tell us about are generally on progressive lines, and there can be no question regarding the necessity imposed on pharmacists of widening their knowledge if they wish to keep in line with the new B.P. It would appear that the Pharmaceutical Society's vacation course, to which President Hines directed attention last week (p. 51), is likely to be helpful by providing just such information as we shall henceforth need to have at command, and I trust published reports of the various lectures and demonstrations will serve to familiarise us with, at least, the scope of the wider knowledge that will be required as the result of the official adoption of so many important and novel therapeutic agents.

## What's in a Name?

This is a question which is often asked, and it naturally suggests itself in connection with the change in the title of our chief trade organisation. The Retail Pharmacists' Union has now become The National Pharmaceutical Union, but its change of name is unaccompanied by anything likely to interfere with its activities, or to diminish its usefulness. Meanwhile the change in style may be expected to appeal to critics who resented association of the word "retail" with a professional designation, and it may serve as an exemplar to persons who persistently maintain such association. As regards the new title, it is beyond question clumsy and awkward to pronounce. In their efforts to make it fully descriptive, its sponsors have added needlessly to the number of syllables to be enunciated when giving the body its full title, and the result will naturally be that no one will ever speak of it except as the N.P.U. A much better style would have been National Union of Pharmacists; this slips off the tongue much more readily, as also does its abbreviation N.U.P. But, after all, what's in a name? It is the association itself that matters, with a programme of useful work to be done and the guidance of competent people who will see that the work is done properly.



## Legal Reports

**Medicine Stamp Act Appeal.**—At the West Riding Quarter Sessions, Leeds, recently, Henry Arthur Gould, Woodhouse Lane, Leeds, appealed against his conviction at Dewsbury for selling at Heckmondwike a medicine known as Gould's Great Asthma Inhaler without a licence, and for selling medicine which was not properly labelled, contrary to the provisions of the Medicine Stamp Act, 1812. Gould had been fined £5 in the first case and 40s. in the second. For the appellant, Mr. J. Silverman argued that the preparation in question was in a different category from those which were dutiable, inasmuch as it was not taken inwardly or applied externally. It was purely an inhalation. The appeal was dismissed with costs.

**Sale of Food and Drugs Acts.**—Before Mr. Alderman Jacobs at the Mansion House, London, on July 6, John Griffith Edwards, Ph.C., King Street, Cheapside, E.C., was summoned for selling to the prejudice of a sampling officer under the Food and Drugs Acts, "Bismuth Dyspepsia Tablets," which it was alleged were deficient in bismuth oxycarbonate and in sodium bicarbonate. There was also a summons against the Dubarry Perfumery Co., Ltd., charging them with supplying with the tablets a label which it was alleged falsely described the goods, they being deficient in the ingredients as described in the summons against the chemist by whom the tablets were sold. Mr. Ballion, for the defence, said the analysis given by the public analyst did not agree with that given by the analyst for the defence, and it was therefore proposed to ask the Court to submit the sample produced that morning to analysis by the Government analyst. The Court agreed to the application; when Mr. Ballion said he had another application to make. It was the Standard Tablet Co., Ltd., which really supplied the article in question to the chemist, and he applied to have the name of that company substituted for Messrs Dubarry. The Alderman declined to accede to this request, and the summonses were adjourned for the purpose of an analysis of the tablets being made at the Government laboratory. —At Blackpool Police Court, on July 7, Mr. J. L. Matthew, chemist and druggist, was ordered to pay costs for selling creosote ointment deficient in creosote.

## New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

**AKERS, LTD. (P.C.).**—Capital £500. Objects: To acquire the business of chemists carried on at 387 North End Road, Fulham, S.W.

**COOMER & RICHMAN, LTD. (P.C.).**—Capital £100. Objects: To carry on the business of manufacturing, analytical, chemists and druggists, etc.

**S. H. EILES, LTD. (P.C.).**—Capital £400. Objects: To carry on the business of chemists, druggists, perfumers, etc. R.O.: 35 Moorgate, E.C.2.

**GILLEY'S LABORATORIES, LTD. (P.C.).**—Capital £100. Objects: To carry on business as manufacturers of and dealers in chemicals, drugs, medicines, etc.

**E. PETERS, LTD. (P.C.).**—Capital £500. Objects: To carry on the business of wholesale and retail chemists and druggists, sundriesmen, photographic appliances, etc.

**BASS & TANNER, LTD. (P.C.).**—Capital £200. Objects: To carry on the business of chemists, druggists, etc. Solicitors: Jennings, Son & Ash, 69 Leadenhall Street, E.C.3.

**VOIDILS, LTD. (P.C.).**—Capital £100. Objects: To carry on the business of chemists, druggists, etc.

Solicitor: H. C. W. Saul, 19 St. Andrew's Crescent, Cardiff.

**R. J. TROUGHTON (CHEMISTS), LTD. (P.C.).**—Capital £500. Objects: To carry on the business of manufacturers of and dealers in chemicals, gases, drugs, medicines, etc. R.O.: 14 High Street, Conisborough, near Rotherham.

**PRICE, CHATT & CO., LTD. (P.C.).**—Capital £5,000. Objects: To acquire the business now carried on at 12 Lime Street, E.C., by C. M. Price and C. O. Chatt, and to carry on the business of selling agents, manufacturers, importers and exporters of proprietary articles.

**BLUNDEN SURGICAL APPLIANCE CO., LTD. (P.C.).**—Capital £4,000. Objects: To carry on the business of manufacturers of and dealers in anatomical, orthopaedic, surgical and medical appliances, trusses, crutches, bandages, chemists, druggists, etc. Solicitors: McKenna & Co., 31-4 Basinghall Street, E.C.2.

**CONTINENTAL HOLDING CORPORATION, LTD. (P.C.).**—Capital £10,000. Objects: To enter into an agreement with H. R. Mosch, or with his creditors or their trustee, for the purposes of taking over as a going concern the business of a chemical manufacturer now carried on by him as "Friedrich Wilhelm Mühle" in Liepe, Prussia, Germany, with all machinery, buildings, etc.

**G. B. KENT & SONS, LTD.**—Directors report in view of existing world commercial conditions they have decided to defer payment of the half-year's dividend on the 5½ per cent. cumulative participating preference shares, due on July 1, until the accounts for the year are out.

**DENTAL MANUFACTURING CO., LTD.**—An extraordinary meeting of shareholders will be held on July 28, when it will be proposed to reduce the authorised capital from £500,000 to £200,000. The issued capital stands at £376,239. The reduction will be effected by cancelling twelve shillings per share on each of the issued shares and by reducing the nominal amount of the unissued shares from £1 to 8s. Upon the reduction taking effect, the capital will be increased to its former amount of £500,000 by the creation of 750,000 shares of 8s. each.

**SANGERS LTD.**—The third annual general meeting was held on Tuesday at the Holborn Restaurant, W.C., Mr. Henry Sanger presiding. The Chairman said: In the absence of our Chairman, Mr. Ernest Sanger, owing to a slight accident, I will read his speech, which is as follows:—This is our third annual general meeting since incorporation as a public company, although, as I reminded you on the last occasion, the firm of "Sangers" dates back as far as 1780. It is again a pleasure to me to present our annual report and balance-sheet, which I assume may be taken as read, and although we are not quite up to last year's figure of trading profits, we are not far short. The drop is £5,661 11s. 11d. Considering the very difficult year we have all experienced, and the fact that we have in that year had to provide a substantial sum for a bad debt incurred through the failure of one of our largest customers, the directors consider that the results are very gratifying. Goodwill stands at the same figure, but during the year a sum of £1,600 has been spent in the purchase of further proprietary interest, and this has been written off. The balance-sheet will show you that since incorporation we have written off no less a sum than £72,600, and the directors are satisfied for the present to leave the goodwill at the figure of £204,000, which is less than three years' profits. Stock-in-trade has decreased as compared with the previous year, the figure being £96,173 2s. 6d., as against £107,671 3s. 10d. The profit and loss account shows a trading profit, after charging working expenses and depreciation, and crediting dividends and interest receivable, of £69,119 3s. 3d., and with transfer fees, amounting to £93 8s. 6d., totals £69,212 11s. 9d. After deducting directors' fees, amounting to £700, this leaves a sum of £68,512 11s. 9d., which figure, in effect, represents the net profit of the company for the year.



The item of income-tax has increased to £18,325 3s. 5d. from £16,850 16s. 3d., and this is accounted for by the increase in the rate to 5s. in the £. You will see that after having paid the fixed dividend on the Preference shares and an interim dividend of 7½ per cent. actual on the ordinary shares, there is a balance available of £55,220 18s. 10d., and that the directors propose to pay a final dividend of 10 per cent., less tax, on the ordinary shares, making, with the interim paid on January 31, 1932, a total of 17½ per cent. for the year. The amount carried forward has been increased to £36,470 18s. 10d. Mr. Fredk. J. Smith (managing director) said: I am very pleased to second the resolution moved by our Chairman. We all of us regret the absence of Mr. Ernest Sanger, who until yesterday was hoping to be with us, and trust that he may be very speedily restored to health. In these days it is a great achievement to be able to present a balance-sheet, such as that put before you, and your directors are therefore not apologising for the fact that the profits this time are smaller than those of last year. As a matter of fact, had it not been for the failure of one of your largest customers, referred to by the Chairman, we would not have had to show this decrease. As I pointed out last year, your business is much more than a distributing business, and embraces also manufacturing, sole agencies and ownership of or interest in various proprietary articles. Finally, on behalf of the Board, I would like to express our appreciation of the loyal co-operation rendered by the members of the staff, without which the results achieved would not have been possible. The resolution was carried unanimously. The retiring director (Mr. Henry Sanger) was re-elected, the meeting closing with a cordial vote of thanks to the chairman, directors and staff.

### Liquidation

**Re Arcade (Brixton) Pharmacy, Ltd.,** 35 Market Row, Brixton, S.W.—The statutory first meetings of the creditors and shareholders of this company were held recently at the Board of Trade Offices, Carey Street, W.C., before Mr. Hutcheson, assistant official receiver. The accounts lodged under the liquidation show liabilities of £642, no available assets, and a deficiency of £992 with regard to contributories, the issued capital consisting of 350 ordinary shares of £1 each. The liquidation was left in the hands of the official receiver.

### Voluntary Winding-Up

**IODINE PRODUCTS, LTD.**—At a meeting held in London, recently, it was resolved that this company be wound up voluntarily. Mr. R. S. Yates, 199 Piccadilly, London, W.1, was appointed liquidator.

## Business Changes

THE offices and factory of John Gosnell & Co., Ltd., perfumers and soap makers, have been moved to 50-52 Union Street, London, S.E.1.

**SANGERS, LTD.**, druggists' sundriesmen, London, N.W.1, have removed their factory from Shepherd's Bush to 42B Hampstead Road, N.W.1. The telephone number is Museum 1328. The telephone number of Sangers, Ltd., 258 Euston Road, remains unchanged as Museum 5440 [corrected note].

## Gazette

### Partnership Dissolved

**HALLIWELL, J. A.**, and **INGLE, F. J.**, Gees' Chambers, 1, 148 Chester Road, Stretford, chemical manufacturers, under the style of Ezeway Specialities.

## Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts.

### Local Reports

#### ENGLAND

**Yarmouth.**—At a recent meeting of Yarmouth Insurance Committee it was reported that the number of prescriptions issued in the last quarter of 1931 was 20,216, at a total ingredient cost of £344 3s. 8d., and dispensing fees £365 8s. 2d. The cost included £30 10s. 11d. for 101 prescriptions for insulin and £5 6s. 11d. for ten prescriptions for vaccines and sera. The cost per prescription was 8.42d., and per person 7.88d.

### Pharmaceutical Standing Committee (Scotland)

A meeting of the Pharmaceutical Standing Committee (Scotland) was held on June 29, Mr. J. B. McVittae in the chair. The chairman explained that the chief matter coming before the Committee was pharmaceutical service under the Public Assistance Committees. A discussion took place in regard to schemes that were under consideration for an agreement between panel chemists and Public Assistance Authorities for the supplying of medicines and medical and surgical appliances. In several instances schemes had already been established on the lines of National Health Insurance pharmaceutical service. Certain aspects presented difficulties. A draft scheme framed by Mr. McConnell was considered and generally approved of. It was agreed that copies of the draft scheme should be circulated to all members of the Standing Committee and to the secretaries of pharmaceutical committees in Scotland. It was also agreed to remind pharmaceutical committees of the need for giving this matter attention at the present time and also reminding them that the Standing Committee would give any advice or assistance so as to secure a local arrangement on the general lines approved of by the General Council of Panel Chemists.

There was submitted a communication from the Scottish Pharmaceutical Federation giving particulars of a case in which under the testing scheme the chemist's dispensing had been proved to be correct. On applying for expenses of an independent analysis and other legal expenses the claim had been disallowed. Other two similar cases were also considered. It was agreed to make a representation to the Department of Health.

In connection with plaster of Paris bandages, it was pointed out that the Drug Tariff Regulations require each bandage to be enclosed in a hermetically-sealed tin. In practice this was not done, but in place of a hermetically-sealed tin the bandage was put in a tin closed by an adhesive band making it air-tight. It had been suggested by the Department of Health and by the Drug Accounts Committee that the wording "in a hermetically-sealed tin" should be altered to read "in an air-tight container." This suggestion was approved of.

There was submitted a communication from the Department of Health for Scotland intimating that in the present financial circumstances the Department had decided that the election of new committees which would in the ordinary course have taken place in 1932 should be postponed till a later date. Only where special circumstances required the reconstituting of a committee application might be made to the Department, and, by consent, an election might take place in areas under such special circumstances.

It was reported that in one area the clerk to the Insurance Committee had intimated his intention to depart from monthly payments of accounts and to make these payments quarterly. The matter had been brought to the notice of the Department of Health for Scotland, who had intimated to the clerk that the monthly payment system which had been agreed upon must be continued, and this had been accepted.



# British Report on Dangerous Drugs to the League of Nations

THE annual report of the British Government on opium and other "dangerous" drugs for the year 1931, covering Great Britain, Northern Ireland, the Isle of Man and the Channel Islands, follows closely the form of its immediate predecessors (*C. & D.*, 1931, II, 275). On the first page of the report the satisfactory statement again occurs that "drug addiction is not prevalent in Great Britain." No new legislation was found necessary in the United Kingdom during 1931. The Dangerous Drugs (Consolidation) Regulations, 1928, were amended on April 15, 1931, by the inclusion in the third Schedule of five preparations containing diamorphine. During the year a few licences to import dihydromorphinone for use by medical practitioners were granted. In the twelve months under review seventeen persons in charge of private dispensaries were licensed to be in possession of one or more of the drugs for supply, on doctors' prescriptions, to members of the dispensary. Six schools of pharmacy were licensed to be in possession of certain dangerous drugs for the purpose of instruction of the students thereat. Seven persons were licensed to possess various drugs for analytical and research work, and seven persons were licensed to be in possession of specimens of certain of the drugs. Twenty-five unregistered veterinary surgeons were licensed to be in possession of certain drugs for use in the treatment of animals. Nineteen persons were licensed to possess one or more of the drugs for the purpose of manufacturing patent and special medicines. Fifteen persons were licensed to possess certain drugs for the purpose of manufacturing medicines required in the treatment of animals. There were 123 wholesalers licensed to deal in one or more of the drugs, fifteen persons holding "procuring" licences and seventeen persons as brokers in respect of one or more of the drugs. No person in this country has been authorised to possess or supply benzoylmorphine or the esters of morphine (other than diacetylmorphine). During the year there was no person licensed to possess or supply dihydrocodeinone. There were no seizures of importance in Great Britain during the year, nor was any evidence obtained of illicit traffic on more than a very small scale in the country. No information has been received that any person or firm in Great Britain has been engaged in smuggling drugs abroad. The following information of interest to our readers is abstracted from the report and its appended tables:—

## RAW OPIUM

Imports of raw opium amounted (omitting decimal fractions) to 21,949 lb. (63,634 lb. in 1930), of which 2 lb. came from India (22,400 lb. in 1930) and 21,922 lb. from Turkey (36,274 lb. in 1930). Exports totalled 6,501 lb., against 4,653 lb. in 1930.

## MEDICINAL OPIUM

The firms licensed during 1931 to manufacture medicinal opium were:—Burgoyne, Burbidges & Co., Ltd., High Street South, East Ham, E.6; Evans Sons Lescher & Webb, Ltd., 29 Fleet Street, Liverpool; C. R. Harker, Stagg & Morgan, Ltd., Emmott Street, London, E.1; T. & H. Smith, Ltd., Blandfield Chemical Works, Edinburgh; Stafford, Allen & Sons, Ltd., 7 Cowper Street, Finsbury, London, E.C.2; R. Sumner & Co., Ltd., 40 Hanover Street, Liverpool; John Wyld, 9 Colworth Grove, Walworth, London, S.E.17. The total amount of medicinal opium manufactured was 4,277 lb. Imports (including 3 lb. of returned British goods) amounted to 27 lb., while exports totalled 1,640 lb. (1,574 lb. in 1930). In addition 12 lb. of medicinal opium was exported in the form of pills, tablets, etc.

## MORPHINE

The manufacturers licensed during 1931 were:—J. F. Macfarlan & Co., 93 and 109 Abbeyhill, Edinburgh; T. & H. Smith, Ltd., Blandfield Chemical Works, Edinburgh. The total amount of morphine manufactured during the year, i.e., the gross amount manufactured less the amount converted during the year into codeine, diacetylmorphine, etc., was morphine alkaloid, 1,466 oz.; morphine salts, 31,119 oz. (In addition, during the year 1,985 oz. of morphine salts was manufactured from morphine alkaloid in stock.) Further, 1,777 oz. of morphine alkaloid and 1,087 oz. of morphine salts were used in the manufacture of diacetylmorphine; 5,011 oz. of morphine alkaloid was used in the manufacture of codeine and 1,699 oz. of morphine alkaloid was used in the manufacture of ethylmorphine. Imports of morphine and its salts and preparations totalled 592 oz.; exports amounted to 16,284 oz. (21,593 oz. in 1930).

## DIACETYLMORPHINE

The names of the manufacturers licensed are the same as those for morphine. The amounts manufactured during the year were:—Diacetylmorphine, 123 oz.; salts of diacetylmorphine, 3,203 oz. Imports (including salts and preparations) amounted to 20,597 oz., of which 48 oz. consisted of returned British goods and 20,547 oz. of seized goods, while exports totalled 2,152 oz. (2,775 oz. in 1930). It is added that dihydro-oxycodeinone, dihydrocodeinone, benzoylmorphine, dihydromorphinone and esters of morphine other than diacetylmorphine are not manufactured in this country.

## COCAINE

The firm licensed to manufacture cocaine was May & Baker, Ltd., Garden Wharf, Battersea, S.W.11. The amounts manufactured during the year were:—Cocaine alkaloid, 429 oz.; cocaine salts, 14,474 oz. The following figures are given for imports:—Coca leaves, 79,332 lb.; crude cocaine, 1,069 oz.; cocaine (salts and preparations), 883 oz. (including 16 oz. returned British goods). Exports of cocaine and its salts and preparations amounted to 4,885 oz. (5,510 oz. in 1930).

## INDIAN HEMP

The quantities of extracts and tinctures of Indian hemp manufactured by licensed firms were:—Extracts, 4,672 oz.; tinctures, 22,052 oz. Imports of Indian hemp totalled 1,090 lb.; and of Indian hemp resin (hashish), 50 lb. Exports of Indian hemp amounted to 197 lb. (526 lb. in 1930); extract, 719 oz. (1,808 oz. in 1930); tincture, 1,804 oz. (2,256 oz. in 1930).

## OTHER DRUGS

Under the heading "Codeine," the following figures are given:—Amount manufactured, 12,525 oz.; amount imported by manufacturers (re-imports of codeine previously exported), 501 oz.; amount imported by other persons licensed under the Dangerous Drugs Acts, 1,079 oz.; amount exported direct by manufacturers, 10,490 oz.; amount exported by other persons licensed under the Dangerous Drugs Acts, 2,590 oz.; stock in hands of manufacturers at January 1, 1931, 19,873 oz.; stock in hands of manufacturers at December 31, 1931, 13,029 oz. The amount of ethylmorphine manufactured was 2,013 oz. No apomorphine was manufactured during the year.

In addition, the following were imported from Germany:—Benzoylmorphine, 0.176 oz.; dihydromorphinone, 0.927 oz.; dihydrocodeinone, 0.352 oz.; dihydro-oxycodeinone, 13.139 oz.



**Production, Manufacture and Consumption**

The following data are abstracted from the table giving the statistics of production, manufacture, amounts purchased for Government purposes and consumption other than for Government purposes for the year 1930:—

**RAW OPIUM**

Quantity used in the manufacture of morphine (including the quantity of morphine converted into diacetylmorphine, benzoylmorphine and other esters of morphine, dihydromorphinone and substances not covered by the Convention), 10,485 lb. (In addition, 3,942 lb. of raw opium was used in the manufacture of medicinal opium; 10,147 lb. in the manufacture of preparations containing 0.2 per cent. or more of morphine, and 164 lb. in the manufacture of preparations containing less than 0.2 per cent. of morphine.)

Consumption other than for Government purposes (including raw opium consumed as such and also as extracts and tinctures and other preparations containing more than 0.2 per cent. of morphine made direct from raw opium.) (100 grams of raw opium yield at least 1 kilogram of tincture; 2 kilograms of raw opium yield at least 1 kilogram of extract), 795 lb.

Quantity purchased in the country for Government purposes, *nil*.

**MEDICINAL OPIUM**

Consumption other than for Government purposes, 477 lb.

**MORPHINE**

Quantity of morphine manufactured, including the quantities used for the manufacture of the substances mentioned below, 35,718 oz. (Includes 7,418 oz. of morphine re-manufactured from materials other than raw opium.)

Quantity of morphine used in the manufacture of diacetylmorphine, 2,646 oz.

Quantity of morphine used in the manufacture of substances not covered by the Convention, such as codeine, ethylmorphine, apomorphine, etc., 6,710 oz. (Made up as follows:—5,011 oz. used in the manufacture of codeine, and 1,699 oz. in that of ethylmorphine.)

Quantity of morphine, morphine salts and preparations, containing morphine, and made direct from morphine purchased in the country for Government purposes, 41 oz.

Consumption, other than for Government purposes, of morphine, morphine salts and preparations containing morphine and made direct from morphine, 28,742 oz. (In addition, 9,335 oz. was consumed in the form of preparations containing less than 0.2 per cent. of morphine which were made direct from raw opium, medicinal opium or morphine.)

**DIACETYLMORPHINE**

Quantity of diacetylmorphine manufactured, 3,006 oz.

Consumption, other than for Government purposes, of diacetylmorphine, its salts and preparations containing diacetylmorphine, 1,765 oz.

**COCA LEAVES**

Quantity used in the manufacture of cocaine, 86,690 lb. (In addition, 357 lb. was used in the manufacture direct from coca leaves of preparations containing 0.1 per cent. or more of cocaine, and 16 lb. was used in the manufacture direct from coca leaves of preparations containing less than 0.1 per cent. of cocaine.)

Consumption, other than for Government purposes, including coca leaves consumed as such, and also as extracts and tinctures and other preparations containing more than 0.1 per cent. of cocaine, made direct from coca leaves, 346 lb. (In addition, 14 lb. was consumed in the form of preparations containing less than 0.1 per cent. of cocaine.)

**COCAINE**

Quantity of cocaine manufactured, 13,455 oz. Includes 590 oz. of cocaine re-manufactured from seized cocaine salts.)

Quantity of cocaine, cocaine salts and preparations containing cocaine and made direct from cocaine purchased in the country for Government purposes, 92 oz.

Consumption, other than for Government purposes, of cocaine, cocaine salts and preparations containing cocaine and made direct from cocaine, 8,880 oz. (In addition, 129 oz. was consumed in the form of preparations containing less than 0.1 per cent. of cocaine.)

**EXTRACT AND TINCTURE OF INDIAN HEMP**

Quantity purchased in the country for Government purposes, 114 oz.

Consumption other than for Government purposes, 18,633 oz., made up as follows:—2,931 oz. of extract and 15,702 oz. of tincture, of which 1,980 oz. of extract and 10,184 oz. of tincture were in the form of preparations.

**OTHER DRUGS**

The figures given of the consumption, other than for Government purposes, of the following substances, their salts and preparations, which are not manufactured in this country, are:—Dihydromorphinone, 0.693 oz.; dihydrocodeinone, 0.176 oz.; dihydro-oxycodone, 12.606 oz.

## Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1932, p. 339.

(From "The Trade Marks Journal," June 29, 1932.)

"ARABIAN DREAM"; for perfumery, etc. (48). By A. Myers, 11 Houndsditch, London, E.C.3. 532,346.

"ONGLUX"; for perfumery, etc. (48). By L'Onglex Laboratories, Ltd., 217-219 Bedford Avenue, Slough, Bucks. 531,799. (Associated.)

"GLAND-ESTRIN"; for goods (48), excluding preparations for the hair. By J. Campbell Harry, 183 Cathedral Road, Cardiff. 531,831. (Associated.)

(From "The Trade Marks Journal," July 6, 1932.)

"DIRIGO"; for oils for insecticides (2). By Dirigo, Ltd., A.G., Holbergsgate 19, Oslo, Norway. 531,341. (Associated.)

"GLANVET"; for veterinary preparations of animal origin (2). By Paines & Byrne, Ltd., 31 Southampton Street, Fitzroy Square, London, W.1. 532,139.

"ANCONIA"; for liquorice (3) and (42). By Potter & Clarke, Ltd., 60 Artillery Lane, London, E.1. B529,858/859.

"LIVRON"; for tonic medicines (3). By Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham. 530,535.

"KLEARAT"; for medicinal powders for headaches (3). By J. C. Pert, 85 Radnor Street, Clydebank, Glasgow. 530,547.

"DE WITT'S"; for pills and paste for catarrh (3). By E. C. De Witt & Co., Ltd., 2 Cherry Orchard Road, Croydon. 531,317. (Associated.)

"SYPTAR"; for medicinal chemicals (3). By G. C. Burns, 336 High Road, Leytonstone, London, E.11. 532,241.

"STOZAN"; for medicinal chemicals (3). By Burgoyne, Burbidges & Co., Ltd., High Street South, East Ham, London, E.6. 532,536.

"JULEE" for perfumery, etc. (48). By Jules Frères, Ltd., 154-164 Walworth Road, London, S.E.17. 528,512. (Associated.)

"ONGLOX"; for perfumery, etc. (48). By L'Onglex Laboratories, Ltd., 217 Bedford Avenue, Slough Trading Estate, Bucks. 532,178. (Associated.)

"RUGA-FUGA" under shield device incorporating this word ("Ruga-Fuga" disclaimed); for pomatum for the skin (48). By Princess Helene Gortchacow, Villa Siracusa, Sorrento, Naples. 531,350.



# A London Glassware Factory

## Notes on a Visit to the Premises of an Enterprising Firm

**I**N view of the exceptional interest aroused among manufacturers and wholesalers by the announcement of S. Murray & Co., Ltd., Record House, 11-13 Farringdon Road, London, E.C.1 (in the advertisement pages of the *C. & D.* Annual Special Issue), to the effect that by means of mass production methods they have succeeded in producing high-quality glassware for pharmaceutical and allied requirements at a cost enabling them to compete easily with Continental makers, we decided to investigate, and the following notes are based on our observations. Meeting one of the directors at Farringdon Road, we proceeded by car to

### The Factory,

which is situated in Camden Town, occupying one spacious floor of a large building. The operations, we noticed, are divided into two sections, automatic production and hand work, with, of course, the necessary departments connected with stock, packing, etc. Near the entrance we saw quantities of raw material in the form of glass tubing which, we were told, is obtained from a British source; this tubing arrives at the factory in bundles of five-foot lengths and is measured by means of a special gauge before being cut on a high-speed cutting machine.

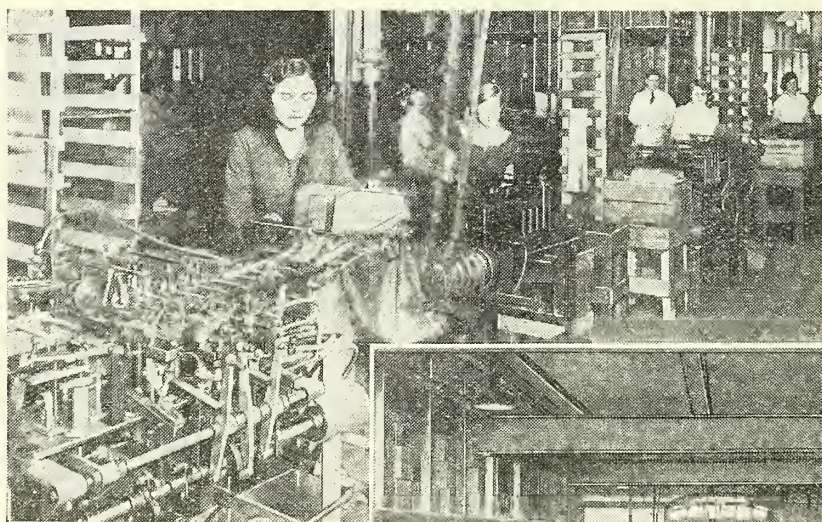
For the manufacture of test and ignition tubes the glass, each piece now twice the length of the finished product (the tubes are made in pairs), is passed into an ingenious automatic machine (a battery of these machines is illustrated below). As the tube runs along a

flange is formed at each end; gas jets then blow on the middle of the tube, the two halves being automatically pulled apart and the closed ends formed; these ends are then blown out by means of blowers. This cleverly constructed machine is capable, we understand, of producing 2,000 tubes per hour with very few, if any, breakages. We examined several tubes, noticing particularly the flawless condition of the closed ends. Messrs. Murray state that the factory is so equipped that, if necessary, it could supply the whole of this country's demand for test and ignition tubes of every kind and size. Similar automatic machines are employed for the production of vials and flat-bottomed tubes, two types of container widely used in the packing of pharmaceutical products. For the manufacture of ampoules by mass production methods, a machine will shortly be installed which will be capable, it was stated, of producing some 2,000 ampoules per hour.

### At the Benches

we noticed some excellent examples of surgical blown glassware being produced by girl workers (one of the benches is illustrated below). In this connection Messrs. Murray train their employees by starting them as juniors on correcting work; in time the girls become efficient glassblowers and are then given more important work to do. The operations observed during the time of our visit included the making of glass ear-syringes, vaginal pipes and eye-droppers.

We were interested to watch the making of glass pistons and rods for ear-syringes and to note with what dexterity this operation was carried out. The two flat glass rings which form the piston have wrapped between them sufficient cotton to ensure a good fit; this operation is more efficiently carried out by hand than by machinery. In conclusion, we may mention that Messrs. Murray are already supplying, not only British manufacturers, but numerous important concerns in the Dominions.



**TWO VIEWS IN THE LONDON FACTORY OF S. MURRAY & CO., LTD.**

*Above:* A Battery of Tube-making Machines

*Right:* One of the Main Benches Showing Glassblowers at Work





# Sporting Events

THE Manchester and District Pharmacists' Golfing Society held their annual fixture at Buxton on July 6. Over a score of members turned out in competition for the prize presented by Mr. Griffiths Hughes at the Cavendish Golf Club. Conditions were ideal when play commenced, but during the afternoon two or three showers of rain gave a warning of more to follow. During high tea the rain descended in torrents, but soon cleared up; the remainder of the evening was ideal for



Photo]

[Cleworth

MR. COULTER PRESENTING THE GRIFFITHS HUGHES PRIZE TO MR. GEE. THE CAPTAIN (MR. BOSTOCK) IS IN THE CENTRE.

golf, several four-ball matches being arranged and played. After a good afternoon's sport the members were surprised and delighted to see Mr. J. S. Breese and Mrs. Breese on the verandah of the club house. After tea Mr. J. H. Franklin (president) said they were very grateful and appreciated the kindness and generosity of Mr. Griffiths Hughes, who was unfortunately unable to be present. The handsome clock which had been given by Mr. Hughes was greatly appreciated, and he congratulated Mr. Gee on winning it. The president referred to the presence of Mr. and Mrs. Breese, and said they were all very pleased indeed to see Mr. Breese looking so much better in health. Mr. Coulter, who replied on behalf of Mr. Griffiths Hughes, said he would convey to his chief all the kind things they had said about him. No one could be more thoughtful or more generous than Mr. Griffiths Hughes, and when he learned of the good time they had had, he would be delighted. The following were the best scores in the competition against bogey:—

H. D. Gee ... All square	A. Maude ... 6 down
J. A. Collins ... 3 down	S. M. Bostock 6 down
P. W. Stuart ... 4 down	W. Hope ... 6 down
S. Fletcher ... 4 down	W. A. Sturdy... 6 down

TWENTY members of the Edinburgh Chemists' Golf Club turned out for the bogey competition played over Prestonfield course on July 6. The result was as follows:—*David Brown Medal*, (1) J. Gray Madder (4 up); (2) J. Bowman (1 down); (3) tie between W. J. Rosie and M. Stoddart (4 down).

THE annual competition for the South-Western challenge cups will be held on July 20 at Maw's Sports Grounds, New Barnet. The cups are awarded to the competitors scoring the highest aggregate number of points in the following sports, and special prizes are awarded to the runners-up by the president. The cup

winners are given replicas, which will be presented at the annual dinner. *Ladies*.—Bowls, croquet, golf, putting and tennis. *Gentlemen*.—Bowls, golf, putting, quoits, shooting and tennis.

THE following are the results of the first round of the rink, pairs and singles in "The Script" bowling competitions:—*Rink Tournament, First Round*: (1) *Northern*, F. Perrett, J. McKostie, A. Grassick, W. B. Dow (skip)—29, v. *South-Western*, Somerton, D. A. Rees, J. E. Monaghan, and Bradbury (skip)—10. (2) *South-Eastern*, F. Biffin, W. C. Sayers, J. Milner, W. Ralph (skip)—34, v. *West Ham*, J. Reed, B. Wathen, D. W. H. Desmond, W. Main—13. *Western* and *North-Eastern* had byes. *Pairs, First Round*: (1) *Northern*, A. Grassick and W. B. Dow—20, v. *Western*, J. C. Berry and W. Wilkinson—16. (2) *South-Western* scratched. *South-Eastern* and *West Ham*, byes. *Singles, First Round*: (1) J. Downing (*Northern*)—21, v. Gover (*Western*)—20. (2) *South-Western* scratched, *South-Eastern* and *West Ham*, byes.

THE annual competition of the Scottish Chemists' Bowling Association for the Gibbs' trophy took place on Albert Place Bowling Green, Stirling, on June 29, in ideal bowling weather. The turn out was not so good as last year, but play was very keen; the holders retained the trophy for another year. After partaking of tea, the chairman (Mr. Peter Nisbet) thanked the directors of Albert Place Bowling Green for the courtesy of their green, and Mr. Trotter (a member of the Green), in reply, said it was a great pleasure to have such an Association on their green; they could use the green on any day clear of competitions. The chairman then presented the cup and replicas to the winners, Messrs. A. Mungoll (Pitteenweem) and J. Carmichael (Leslie). Through the generosity of a member (Major Barker, of Penco, Ltd.), a runners-up prize was presented to Messrs. G. F. Robertson (Clydebank) and G. Jarvie (Kirkintilloch). The secretary intimated that the next competition would take place on Rutherglen Bowling Green on September 7.



DERBYSHIRE PHARMACEUTICAL COMMITTEE

Front row, C. H. TWELVES (CHAIRMAN), H. G. TOY (SECRETARY), H. SMITH, F. HOUSTON.—2nd row, S. TAYLOR, H. JACKSON, E. BOWLER.—3rd row, A. SCRAGG, W. CROFT, R. NAYLOR. AT A MEETING AT THE RESIDENCE OF THE SECRETARY; AFTER THE MEETING ALL JOINED IN GAMES OF BOWLS.

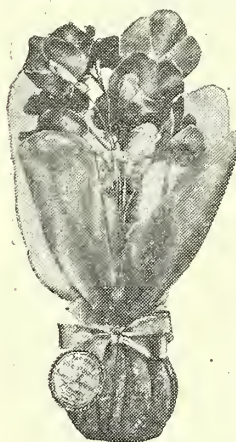


## Trade Notes

A COMPOUND ESSENCE for the preparation of a high-class eau de Cologne is advertised in this issue by Esperis, via Bollo 4, Milan.

VIGGORMALT, LTD., Davigdor Road, Hove, elsewhere in this issue make an announcement of importance to chemists who stock Viggormalt.

VEET.—Dae Health Laboratories, Ltd., Cunard Road, Chase Estate, London, N.W.10, are making a bonus offer in connection with this popular depilatory.



POTTER & CLARKE, LTD., 60 Artillery Lane, London, E.C.1, have drawn our attention to their Arnaud's pot pourri sachets. One of these, shown in the accompanying illustration, is particularly attractive. Another, somewhat less expensive, was depicted in the company's advertisement in the C. & D. Special Issue. Of dainty design and separately boxed, these floral bouquets should appeal to ladies in search of a gift which is out of the ordinary.

VAREEN, LTD., 82A Portobello Road, London, W.11, ask us to draw the attention of chemists to the fact that the company's toilet preparations are available through the usual wholesale channels.

THE IRON JELLOID CO., LTD., Watford, announce that their well-known product, which is being extensively advertised, is still the subject of special terms for window and counter displays. Details of these and the show material available will be sent on application.

MAGNESIA.—The Chemical & Insulating Co., Ltd., Darlington, who specialise in the manufacture of all forms of industrial and pharmaceutical magnesia, have sent us samples of their light calcined and light carbonate. Both are fine, bulky powders and fully comply with the requirements of the British Pharmacopoeia.

ADREPHINE INHALANT.—Parke, Davis & Co., Beak Street, London, W.1, have placed under the title, Adrephine Inhalant, a preparation combining adrenalin and ephedrine with benzocaine (para-amidoethyl benzoate). Although free from oil, Adrephine Inhalant, which is issued in bottles of 10 c.c., is suitable for use in the Glaseptic nebuliser.

ANALYTICAL REAGENTS.—Burgoyne, Burbidges & Co., Ltd., manufacturing chemists, East Ham, London, E.6, have sent us a copy of their recently published brochure, "Standards for Burgoyne Analytical Reagents," in which is outlined the standards of purity adopted by the company for the wide range of reagent chemicals required by modern analytical practice. Standards are given for a large number of reagent chemicals, of which over two hundred are listed, and include such recent additions as cadmium chloride, phloroglucinol, quinhydrone, phenol, xylene and toluene.

THE COUNTY PERFUMERY CO., Bradford Street, Birmingham, are again organising a Brylcreem window dressing competition.—In writing to us regarding Hill's Smokers' Tooth Paste and Dental Cream, the firm state that information has reached them that certain parties are canvassing chemists in the North of England offering peroxide tooth paste, and are representing that it is manufactured by the County Perfumery Co. As they are not the manufacturers of this product, they will be much obliged if chemists will bring to their notice any further cases of misrepresentation.

MIRBANE OIL.—Charles & Fox, 145 Cannon Street, London, E.C.4, have been appointed agents for London and the South of England for the mirbane oil manufactured by Hickson & Welch, Ltd., Castleford.

VINOLIA'S NEW PREMISES.—The London registered and export offices of Vinolia Co., Ltd., have been moved from Union House, St. Martin's-le-Grand, London, E.C.1, to the new Unilever House, Blackfriars, E.C.4. The new telephone number is Central 7474. Although Unilever House will be the official postal address, messengers should be instructed to call at 1 William Street—the annexe at the rear of the building. Except for emergency orders, all Vinolia products will be despatched from the works at Bebington, Cheshire, to which address all general orders and inquiries should be sent. All home trade orders and inquiries for Blondeau lines should now be addressed to Blondeau et Cie, Ltd., Green Bank, Wapping, London, E.1, and not to New Ferry, Birkenhead, or Vinolia.

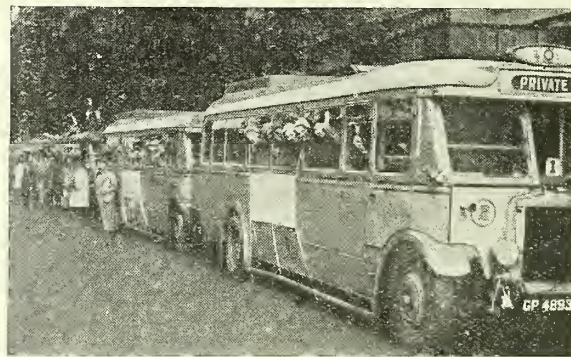
## Summer Outings

### A Great Yarmouth Event

THE annual outing of the Great Yarmouth Pharmaceutical Association took place on July 7 to Potter Heigham, when twelve members spent an enjoyable time on a motor boat to Wroxham Broad, returning to the Bridge Hotel, where they had dinner.

### Staff Outing

ON July 9 members of the staff of A. Bourjois et Cie, Ltd., enjoyed a successful, well-organised visit to Margate. Nine charabancs, full of laughing and vocally audible employees from the perfumery works, soap works and laboratories, combined with the executive and office staff to make the trip in perfect weather. At the luncheon the general manager (Mr. P. G. Pattinson), in a brief but humorous and well-worded speech, referred to the fact that nine years ago to the day the first Bourjois outing had taken place with the "large" company of fourteen persons. He now viewed with



THE STAFF OF A. BOURJOIS ET CIE, LTD., AT THE START OF THEIR OUTING

pride the assembly of several hundred men and women he was privileged to address. Mr. Pattinson paid a glowing tribute to the energy and genius of Mr. H. C. Quelch, whose efforts and ability had built up this flourishing concern. Mr. Quelch was prevented from being present, but he had sent his hearty good wishes to all and hoped they would have a very enjoyable outing. Mr. Herbert Quelch made a graceful speech, in which he said how much his father would have liked to have been with them. After luncheon the party separated to enjoy the varied delights of Margate, aquatic and otherwise, in their own way. At 6 p.m. they re-assembled for tea, and then settled themselves comfortably in the coaches for the homeward journey.



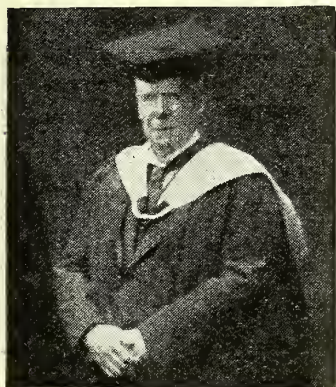
## Personalities

MR. T. M. ASHFORD, chemist and druggist, Aylesbury, has been elected a vice-president of the local chamber of commerce.

MR. CHARLES E. DODSLEY, chemist and druggist, has been granted permission by the Royal Court of Jersey to practise as a chemist in that island.

MR. J. HARRISON, chemist and druggist, Clitheroe, who retired from business recently, was well known locally. He qualified in 1881 and was for some years at Blackburn. Mr. Harrison is the president of the Old Clitheronians' Association, and was a founder of Clitheroe Golf Club.

At Manchester University, on July 8, the degree of Master of Arts was conferred on Mr. W. Bates,



MR. F. W. BATES, M.A.

chemist and druggist, Stretford, in recognition of his distinguished public service. Mr. Bates has been chairman of the Stretford Education Committee since its inception in 1903, while his other appointments have included that of governor of the Manchester Grammar School, the Manchester High School for Girls and the Royal Schools for the Deaf. He has been an active member of the Manchester Pharmaceutical Association for many years (president on two occasions, and his services for local chemists in connection with Insurance dispensing have been greatly appreciated. Details of Mr. Bates's career were given in an illustrated article on "Manchester Pharmacies and Pharmacists" in the *C. & D.*, 1931, 36.

## Births

Notices for insertion in this column must be properly authenticated.

COUTTS.—At Bosmere House, Ipswich, on July 6, Dorothy (*née* Shearman), the wife of D. D. Coutts, chemist and druggist, of a daughter (Jean Mary).

## Marriages

JAMIESON—ROUNTREE.—At Royal Hotel, Glasgow, on June 28, William Jamieson, Kelvinside, to Annie Laurie Rountree.

RAWLING—WILSON.—At St. Thomas's Church, Hull, on July 12, by the Rev. S. A. Cawthorn, M.A., Leslie Rawling, M.P.S., to Florence, youngest daughter of Mr. T. C. F. Wilson, 30 Linnaeus Street, Hull.

ROBINSON—ROBINSON.—At the Parish Church, Ashton-under-Lyne, on June 28, Harold Robinson, chemist and druggist, to Norah K. Robinson.

WALKER—HALLIDAY.—At Buittle Church, on July 8, Frederick James Walker, chemist and druggist, only son of Mr. F. Walker, chemist and druggist, Castle Douglas, to Helen S. Halliday.

## Deaths

BEDELL.—On July 5, Margaret Isabel Bedell, Ph.C., Queen Mary's Hospital for Children, Carshalton, Surrey. Miss Bedell passed the Minor examination in 1903 and the Major in the following year.

JENKINS.—At 12 Nevill Road, Stoke Newington, London, N.16, on July 7, Mr. Evan Jones Jenkins, chemist and druggist, aged fifty-seven. Mr. Jenkins qualified in 1897.

MCWALTER.—Recently, Mr. George Hunter McWalter, chemist and druggist, director and manager of Maynard & Co., Ltd., wholesale and retail chemists, Battery Road, Singapore. Mr. McWalter was a native of Edinburgh. He qualified in 1910 and first went to the East in 1911, going to Ceylon. He joined Messrs. Maynard in Singapore in 1921, was appointed manager the following year, and a director in 1924.

SIM.—At 1 Walker Street, Paisley, on July 4, Mr. William Sim, chemist and druggist, aged sixty-three.

SLEGGS.—On July 9, Mr. William Arthur Sleggs, chemist and druggist, Woodstock, Cape Province, South Africa. Mr. Sleggs, who is the brother of Mr. G. M. Sleggs, M.P.S., Robson Street, Liverpool, passed the Pharmaceutical Society's Minor examination in 1896.

WATKINS.—At 26 Margaret Street, Treherbert, on July 4, Mr. David Watkins, chemist and druggist, aged sixty-two.

## Wills

MR. ROBERT SPEEDIE, Bonniebank, Anthony Place, Crieff, Perthshire, chemist and druggist, who died on March 22 last, left personal estate in Great Britain valued £3,771.

MR. WILLIAM HENRY LESTER, 1 Park Road, Bedworth, Warwick, chemist and druggist, who died on January 29 last, aged sixty, left estate gross value £3,090, with net personalty £1,002.

MR. WALTER AMOS JACKSON, 183 Windleshaw Road, St. Helens, Lancs, chemist and druggist, who died on February 7 last, aged sixty, left estate gross value £11,060, with net personalty £9,919.

MR. GEORGE LIDDLE DOUTHWAITE, 25 Linwood Road, Market Rasen, Lincs., chemist and druggist, who died on December 17 last, aged 85 years, left estate gross value £2,461, with net personalty £2,445.

MR. JOHN RICHARD SELLARS UTTLEY, 11 Bridge Street, Rotherham, chemist and druggist, 66 College Road, Masborough, who died on August 18, aged fifty-nine, left estate gross value £1,732, with net personalty £1,552.

MR. THOMAS GRIMSHAW, of 130 Highlever Road, North Kensington, W., chemist and druggist, who died on March 9, aged seventy-six, left estate of the gross value of £1,139 11s. 10d., with net personalty £1,101 18s.

MR. ISAAC BENNINGTON ASPLAND, Friars Close, 34 Castle Street, Thetford, Norfolk, late managing director of Eastern Counties Drug Stores, Ltd., a member of the Thetford Town Council since 1919, and Mayor in 1930, who died on January 6 last, left estate gross value £1,557, with net personalty £681.

MR. ALEXANDER ADAM ROBERTSON, J.P., 11 Knowsley Road, Cressington Park, Liverpool, associated with the firm of Peter Spence & Co., chemical manufacturers, formerly with the Australian Alum Co., Runcorn, and a member of the Cheshire County Council, who died on December 25 last, aged sixty-one, left estate gross value £8,008, with net personalty £7,789.



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| P/47. Gas treatment for hay-fever put up in bag size cylinders | E/137. Radwac shampoo          |
|  | E/137. Toto corn pads          |



# THE CHEMIST AND DRUGGIST

VOL. CXVII JULY 16, 1932 NO. 2736

## Misdescribing Articles as Spirits or Beer

ON page 53 of this issue will be found the text of the notice recently issued by the Commissioners of Customs and Excise to explain the sections (11 and 12) of the Finance Act, 1932, which impose penalties on persons convicted of misdescribing articles as spirits or beer. It can hardly be taken as a compliment to the skill of the draftsman of the Act that immediately on its coming into force a Government department should find it necessary to attempt to make clear what it is the Act is intended to say. A good deal of this anomalous state of things can, however, be traced to the incongruities which seem inherent in the law dealing with intoxicating liquors, and something it may be to the origin of one at least of the sections—that dealing with misdescriptions of beer. This section, which was introduced at a late period of the Report Stage as a trade amendment, appears in the Act as intended to “have effect for the protection of the revenue arising from the customs and excise duties on beer.” As was to be expected then, its provisions have a twofold aspect, a fact which does not make for ease in their interpretation.

### The Former Position

Following the ordinary rule for ascertaining the meaning of a Parliamentary enactment making a change in the law, we have first to consider what the law was prior to the change. Under that law the manufacture for sale of any liquor, by whatever name known, if made or sold under the description of beer or as a substitute for beer, and if on analysis it was found to be of an original gravity greater than 1016° or to contain more than two per cent. of proof spirit, was unlawful except it was made on the licensed premises of a brewer of beer for sale. In view of the exemption granted to them by the new law it is well to keep in mind that this continues to be the law still applicable to ginger ale and ginger beer. In the case of any liquor sold under the description of beer or as a substitute for beer, this could be made or sold by anyone, whether licensed as a brewer or not, provided the original gravity of the liquor did not exceed 1016° and the strength was not greater than two per cent. of proof spirit. It was only when made on the premises of a licensed brewer for sale that it was chargeable with beer duty.

### Use of the Word Beer

In this state of the law section 12 of the Act now makes a change in the interests alike of the licensed

brewer for sale and of the revenue from beer. It declares it to be an offence in any person, if for the purpose of selling any substance he describes it by any name or words calculated to indicate that it is, or is a substitute for, or bears any resemblance to ale, beer, porter or stout, or any description of ale, beer, porter or stout; or if he sells, offers for sale or has in his possession for purposes of sale, any substance so described, unless he proves that either the customs or the excise duty chargeable on beer has been paid in respect of the whole of the substance. The words of the official paraphrase of these provisions contained in the Customs and Excise notice deserve to be recorded; they are: “Section 12 prohibits the description of *any substance* (i.e., not merely a liquor, but also, e.g., brewing materials in packets), in any label, wrapper, bill or advertisement of any kind by any name or words calculated to indicate that the substance is or is a substitute for, or resembles *ale, beer, porter or stout* unless beer duty has been paid on the whole of the substance.” This is followed up with the remark that “Any words suggesting that a liquor or other substance is, or is intended for use in making ‘ale,’ ‘beer,’ etc., will similarly be illegal.” It has, of course, to be kept in mind that the official circular of the Customs and Excise is not law, but only the department’s interpretation of the section, and it would be easy to suggest difficulties which might arise in accepting the official view. For instance, how could brewing materials, whether in or out of packets, be shown to be held out either as beer or a substitute for beer (which is what the section creates an offence); and by what means or on what basis could beer duty be assessed on them? And if there is no basis upon which to assess it, how can the defaulter be guilty in not paying it? Then take the case of malt, or of sugar. The section does not surely require that a person selling either of these or keeping it for sale should prove that beer duty had been paid on it? Nor can the view of the official notice that the section will make the sale of a product so well known commercially as “herb beer” illegal be accepted unless and until the High Court decides in that sense. At the same time, there can be no doubt that the change made in the law will have a serious effect in turning over to licensed brewers for sale much of the trade hitherto done by unlicensed firms in preparing for the market some of the near beers which under various names, and sometimes claiming to be non-alcoholic, have recently gained much public favour. In this way a double object will have been secured; the brewer will find his trade improved by the elimination of a competitor who, as the law stood, had been in the privileged position of being allowed to make and sell free of beer duty a liquor which if produced by a licensed brewer for sale would be subject to a duty of at least 24s. per bulk barrel; while the revenue will benefit to the extent of the produce of the duty to which the beer would be subjected.



### Spirits

The other section (11), which deals with the mis-descriptions of articles as spirits, does not present the same difficulties of interpretation. Under it any person is guilty of an offence who, for the purpose of selling it, describes any liquor by any name or words which is or are calculated to indicate that it is, or is a substitute for, or bears any resemblance to, any description of spirits, or that the liquor is wine fortified or mixed with spirits; or sells, offers for sale or has in his possession for the purpose of sale any liquor so described; unless he proves that the duty chargeable on spirits has been paid in respect of not less than 97½ per cent. of the liquor. The official description of the effect of this is interesting, and the ordinary trader interested will be moved to ask why the language of interpretation used by the department was not that used by the draftsman of the Act. The effect is officially stated to be "that it is illegal to label, advertise, sell or have in stock any liquor which has not paid duty as spirits under such names as brandy wine." Further, that: "All such statements as that a liquor contains spirits, or has the flavour of or in any way resembles spirits, or is wine fortified, mixed or blended with spirits are equally prohibited." The section places the names of genuine wines such as "port" and "sherry" and the names of cocktail mixtures which were in use before May 4, 1932, outside the operation of the restriction; and, as regards both spirits and beers, a period of grace is allowed up to September 30, 1932, for using up old labels and stock.

When it is kept in mind that this section which imposes a penalty on persons misdescribing certain liquors as spirits or what may be called spirituous wines is described, as in section 12, as being intended as a "protection of the revenue arising from the customs and excise duties on" the dutiable liquors affected, it becomes difficult to reconcile the theory with the actual facts in commercial practice. Admittedly the duty charged on wines is not so high if calculated on the basis of alcoholic content as that charged on spirits, and if wine could be legally fortified without limit while retaining the same scale of charges, the revenue would suffer loss. But wine is not entitled to be delivered from bond otherwise than as spirits if it has been raised in strength by fortifying beyond 40°; and where it is fortified with spirits out of bond, this can be done only with spirits upon which the full spirit duty has been paid, so that the revenue suffers no loss. The case would, of course, be different if the statements so frequently appearing as to the growth of a practice in industrial areas of mixing methylated spirit with cheap wines for beverage purposes had any foundation in fact. But were these reports well founded, the remedy for the evil would surely be in reducing the spirit duty to such a figure as would place ordinary alcoholic beverages within the limit of means of those who at present are forced by poverty to have recourse to noxious substitutes.

### What is Meant by "Closing" a Shop?

SOME time ago a case was reported from Manchester in which a chemist was fined for selling two-penny-worth of pills after 8 p.m., the closing hour prescribed under the Shops Acts. The chairman of the Bench stated that the fine was being imposed because the shop door was open and anybody could walk in. The defendant explained that at that moment he was dispensing a medicine, and could not go and close the door. The chairman said the door ought to have been fastened. We should like to know whether the law does actually make that requirement. It might be suggested that if the chemist closed his door at the appropriate time and hung upon it a notice, "This shop is closed except for the sale of medicines and medical and surgical appliances," he had complied with the requirements of the law. In this connection the case of *Smith v. Fennell* (1924) (88 J.P., 74) is of some interest, though it did not arise under the Shops Acts, but under the Licensing Acts. In that case the keeper of a refreshment house not licensed for the sale of intoxicating liquor was summoned and fined for keeping his shop open for the sale of fish and "chips" after 10 p.m., the time for closing licensed premises. The Divisional Court held, however, that under the existing licensing law there was no longer any compulsion even upon a publican to close his house so long as he did not continue the sale of intoxicants after the permitted hour. Upon this the conviction was quashed. It seems to us that this precisely covers the case of a chemist who is required to close his shop at a particular time. Common sense would lead to the supposition that if a shop is to be closed for certain sales at a particular time but may still be open for the sale of other articles, the legal meaning to be attached to the word "closing" is not the literal meaning, but a special technical meaning which could be translated, perhaps, as "not fully open." But to say that the door must be so fastened that nobody can enter without, we presume, ringing a bell for admission, appears to us to be of doubtful legality.

## Westminster Wisdom

### Notes on Parliamentary Matters

#### UMCKALOABO

Replying to a question by Mr. T. Williams, on July 11, in regard to the efficacy of umckaloabo, the Minister of Health (Sir H. Young) stated that full consideration had been given to the various publications, statements and testimonials which have been submitted to his Department from time to time in regard to this preparation. He had already informed the hon. member that he was not aware that any official tests of this preparation had been made.

#### MANUFACTURE OF DRUGS

Mr. Morgan Jones (for Mr. Rhys Davies) asked the Home Secretary, on July 7, what is the number of factories in this country engaged in the manufacture of opium, heroin, cocaine and other noxious drugs, the amount of capital involved and the number of employees; and whether any of the supplies of these noxious drugs that are sold in London are of British manufacture.

Mr. Stanley: Seven firms are licensed to manufacture medicinal opium, two to manufacture morphine and heroin, and one to manufacture cocaine. The manufacture is carried on in connection with the manufacture of other things, and I am not able to say what proportion of the staff or capital is to be regarded as engaged on the manufacture of these drugs. I cannot assent to the description of these drugs as noxious. The abuse of them is a great danger, but they are invaluable when used medically. The greater part of these drugs used in this country for medical purposes is of British manufacture.



# The British Pharmacopœia, 1932

IN the following review of the contents of the new Pharmacopœia we propose to indicate, within the limitations to which we have subscribed, the more important changes that have been made, as compared with the fifth British Pharmacopœia, which the new work will supersede on September 30. The lengthy list of additions, and particularly that of omissions, claims our first attention. Deletions from the new issue of a pharmacopœia are an important matter to the practitioner, but in the case of the B.P. 1932, the length of the list need not disturb chemists, since it is known that a working arrangement with the British Pharmaceutical Codex Revision Committee has been made to take over these articles and provide for their continuance both in formulas and standards. The list of deletions in the new B.P., therefore, though a long one, has not the same significance as formerly. The new medicaments are the most important feature, together with those preparations wherein a change is made. Certain improved analytical data are given and instructions on applying tests have been greatly extended, as well as being more precise, but these features are of importance chiefly to analysts and manufacturers. Their importance will be better understood after critical examination in the light of practical experience. The medicaments added to the new edition may be roughly divided into the following groups:—(1) Pharmacy additions; (2) drugs produced by manufacturers; (3) new drugs, chemical substances; (4) drugs of a diagnostic character; (5) drugs administered by the physician himself or under his direction; (6) standards and tests. It is in the fourth and fifth groups where the greatest change in the new Pharmacopœia is made. These additions reflect largely recent changes in our materia medica.

## ADDITIONS

The pharmacy additions include the concentrated waters of dill, cinnamon and peppermint. The original amount of oil in the dill is one-fifth the amount used in the B.P.C., but this will be an advantage, as there was always a considerable amount of oil left on the filtering medium when this concentrate was made. Concentrated cinnamon water is the same strength as the B.P.C. preparation, but that of concentrated peppermint water is reduced from three to two per cent. of oil. The alcohol content in each concentrate varies between 52 to 56 per cent. v/v. A practical note is introduced in the manufacture, as shown by the specification of the weight of the filtering medium to be employed, which is given as powdered talcum. The dilution contains about 1.5 per cent. v/v of 90 per cent. alcohol, and here it may be stated that where alcohol is used the approximate amount is given in the final product, a great step towards uniformity.

AQUA STERILISATA is new, and we notice that potable water is distilled into a previously sterilised glass receiver; presumably the method of chemically cleaning glass receivers was thought too obvious to be expressed in the main part of the monograph, though it is adequately provided for in sterilised water used to make intravenous injections. The sterilisation is by autoclave or by boiling for thirty minutes. Storage in suitably closed vessels is limited to one month, which should do away with some of the glaring cases of using sterilised water of an ancient date.

CATAPLASMA KAOLINI is taken from the B.P.C., but the directions are simplified.

ELIXIR CASCARÆ SAGRADÆ is evidently an attempt to produce something comparable with a well-known pharmaceutical preparation. It clashes somewhat in name with Elixir Cascaræ contained in the present B.P.C., but is quite a different product. Some confusion may easily arise over this in prescribing, since the addition of the word *sagrada* is not infrequently made when a physician prescribes this preparation. The formula in the B.P. is

the same as that published in the second report of the Pharmacy Subcommittee (C. & D., 1931, II, p. 68), and is of such a troublesome nature that the retail chemist is scarcely likely to spend much time on the task of its preparation. It may become popular, but it is not exactly comparable with the proprietary article. Though it is a strictly pharmaceutical preparation, it truly belongs to the class usually made by the manufacturing chemist.

GELATINUM ZINCI.—The synonym is given as Unna's Paste, and the formula differs in no wise from that of Pasta Zinci et Gelatini B.P.C., or any of the usually accepted formulas. If a firmer preparation is wanted, it can always be specified.

CONCENTRATED INFUSIONS are an innovation, since the crude attempt to imitate commercial articles of this nature in the B.P. 1898 proved such a fiasco, evidently caution was needed. They are: Orange, buchu, calumba, clove, compound gentian, quassia, senega, and senna. New work was necessary, and according to the statement in the second report of the Pharmacy Subcommittee (C. & D., 1931, II, p. 69), a considerable amount of attention was given to producing formulas and outlining the method. By their nature they are likely to be made by the manufacturer, but not exclusively. They differ essentially from the preparations included in the B.P.C., and as representing more recent work, they will doubtless be subjected in the immediate future to comparative criticism. The formulas are those already published in the report to which reference has been made. The following typical note illustrates the guiding principle for the dispenser should he receive a doubtful prescription:—“When Infusum Aurantii, or Infusion of Orange Peel, is prescribed, fresh infusion not being specified, either Infusum Aurantii Recens or Infusum Aurantii Concentratum diluted, shall be dispensed,” which leaves the position exactly as it is at present, though if “recens” is added, then the freshly prepared infusion alone is admissible. The B.P. 1932 specifies that a fresh infusion should be used within twelve hours of its preparation, but its keeping properties when the medicine is dispensed are still nebulous. One exception is made to the use of concentrated infusions—that of digitalis is inadmissible, and whenever infusion of digitalis is ordered the fresh infusion alone may be dispensed. Probably the B.P.C. will come into line and eliminate this inefficient concentration.

HYPODERMIC INJECTIONS.—Simple solutions of potent drugs for hypodermic medication are omitted, but two bismuth injections are introduced, one of the precipitated metal and the other an oily one of the salicylate. The use of these two preparations is practically confined to the venereal disease department in institutions, and those physicians whose names are on the official lists. To these may be added Injectio Hydrargyri—which in theory, at least, is an improved Lambkin's mercurial cream. Injectio Hydrargyri Subchloridi is known as Inj. Calomelanos B.P.C. In both cases the wax prescribed in the B.P.C. formula is replaced by wool fat and the almond oil by olive oil. Injectio Ferri is a new preparation containing about  $\frac{1}{2}$  grain of recently made iron and ammonium citrate in 30 minims, while Injectio Sodii Chloridi et Acaciae is a preparation which figures in the house pharmacopœias of most general hospitals, and is also known as Bayliss's solution.

LIQUOR AMMONII ACETATIS of the B.P. 1914 is replaced by two preparations, concentrated and diluted, the latter being made from the former by dilution, with a content of 6.9 to 7.5 per cent of acetate.

LIQUOR IODI FORTIS and MITIS are the new names under which the corresponding tinctures of the B.P. 1914 are now included, with the term “tincture” as a synonym. The iodine content is the same as in the B.P. 1914, but in Liquor Iodi Mitis the potassium iodide is reduced to 1.5 per cent., which harmonises it with what is found practical in hospitals.



**LIQUOR IODI SIMPLEX** is similar to the tincture of the French Codex 1908, i.e., a solution of iodine in alcohol, which has since been replaced by one containing potassium iodide (*C. & D.*, 1922, I, index folio 656 and 1924, I, p. 93). It corresponds approximately to 10 per cent. w/w of total iodine.

**LIQUOR QUININÆ AMMONIATUS** is only a new name for ammoniated tincture of quinine, in accordance with international understanding.

**LIQUOR SODÆ CHLORINATÆ CHIRURGICALIS** makes Dakin's Solution official, so as to contain not less than 0.5 per cent. of available chlorine. A table is given showing the amounts to be used of the indicated ingredients in its preparation, since the chlorinated lime varies in available chlorine, the usual limits being from 30 to 35 per cent.

**LIQUOR SODII CHLORIDI PHYSIOLOGICUS** is the Latin title for normal saline solution, which is required to be sterilised in an autoclave or by Tyndaliation, or by filtration. It is required to satisfy the test for sterility as set out in Appendix XVI, which gives the sterilisation tests.

**MISTURA MAGNESII HYDROXIDI**, synonym Cream of Magnesia, is the mixture of that name included in the B.P.C., to which are added tests for purity and method of assay.

**OCULENTA**, or Ointments for the Eye, are given a definite base of yellow soft paraffin, containing 10 per cent. of wool fat. The advice given for dispensers is that the prescriber states the percentage of drug to be contained in each ointment, but in the absence of an indication of the amount of drug required, six Oculenta are set out with their respective strengths for dispensing.

**PASTA ZINCI OXIDI COMPOSITA** introduces another variant of Lassar's Paste, or what is known in the B.P.C. as *Pasta Zinci Composita*, as well as complicating things unnecessarily by what may become a persistent question as to what should be given for "Pasta Zinci Co." The formula is included in most hospital pharmacopœias, the strength being usually the same as that of the B.P., but most of them contain in addition a small percentage of salicylic acid. The B.P. 1932 does not use the synonym of Lassar's Paste.

**SPIRITUS MENTHÆ PIPERITÆ** is a 10-per-cent. solution of the oil; it is not new, but the synonym "Essence of Peppermint" is a resurrection of the term used in the B.P. 1885, when the strength was 1 in 5, an essence then regarded as too strong.

**SPIRITUS METHYLATUS INDUSTRIALIS** is sufficiently wide in the description to allow the use of the "free from acetone" variety, the quality of the alcohol is the one known as 66 O.P. In using this alcohol for "methylated" liniments it will be necessary to use a different table of dilutions.

**SYRUPUS FERRI PHOSPHATIS COMPOSITUS**, with its synonyms Parrish's Food, etc., has already been mentioned (*C. & D.*, July 9, p. 41). It is the B.P.C. syrup and too strong in acid; the syrup is a good one, but there are better syrups on the market, many of which probably differ in strength and acidity, and now must find some other name or be brought into harmony with the official formula.

**TINCTURÆ**.—The two additions are tincture of *ipeacacuanha* and strong tincture of ginger; the former replaces the wine, and as *ipeacacuanha* wine will still figure in the B.P.C. there does not seem much prospect of the new name coming into common use for a generation. The introduction of the synonym "essence" for *Tinct. Zingib. Fort.*, though at first complicating things somewhat, will ultimately make for uniformity.

**UNGUENTA**.—Three new ointments are introduced: *Ung. Acidi Tannici*, *Ung. Aquosum*, and *Ung. Simplex*. The tannic acid ointment evidently hails from America, and theoretically should replace *Ung. Gallæ*, and possibly in the final adjustment the gall and opium ointment. In appearance it is a better ointment and more likely to be an effective vehicle of tannic acid, of which it contains 20 per cent. *Ung. Aquosum*, or *Hydrous Ointment*, is a modern interpretation of *Unguentum Aquæ B.P. 1914*, without the rose oil. It is a good ointment, though practice seems to point to almond oil as being a more satisfactory oil in this form of ointment than olive oil. *Unguentum Simplex*, with its mixture of wool fat, hard and soft paraffins, is our old friend lard substitute of the war years. Experience proved it to be a good ointment base. The term *Ung. Simplex* was used in the B.P. 1885 for an ointment containing white wax, benzoated lard and almond oil; it still persists in some old formulas, but the new form in the B.P. 1932 is superior.

It will be seen that so far as the pharmacy part of the new edition is concerned there is nothing particularly startling or novel. Conservative lines have been followed; it is in other phases that we must look for the wider development. The greater progress since 1914 has been in drugs of a diagnostic character and those for medical administration.

(To be continued.)

## Mechanising the Pharmacy

By Futurist

ALMOST the only machine that graced the pharmacy of the past was the pill-machine, and anything more unlike the modern conception of that word it would be difficult to imagine. To-day we associate machinery with accuracy, efficiency, speed and mass production. The pharmacist who in the past toiled manfully with his contraption to produce pills for about a shilling per dozen hardly attained any of these objects.

This is essentially the age of machinery, but do we in pharmacy even yet make sufficient use of it, to save ourselves needless and ill-paid drudgery, and to develop and extend the scope of our business and profit? The machinery used need not necessarily be our own. It would well pay most chemists to spend a little time in making a thorough investigation of the costs of those lines they take a pride in packing for themselves. When labels, labour, sundry and overhead charges are considered, one may well wonder if it pays to do much of this work in the shop. By the extensive use of up-to-date machinery and equipment, manufacturers are offering us wonderfully cheap packs to-day. A less obvious side of the question is sometimes overlooked. Is the appearance of the old-fashioned hand-turned-out packs all that one could wish? The public to-day expect a higher standard in these things.

Cellophane wrapping, special corks or seals and other refinements give goods a better appearance and a readier sale. Another small point is whether in buying bottles the small extra charge to have them delivered washed and papered is not money well spent. At least for containers to be used for oils, where careful drying would also have to be done in the pharmacy, one would certainly say "Yes."

Delivery offers a fruitful field for mechanisation. The wholesalers again set us an example, and we all know how useful their motor deliveries are. Every pharmacist whose turnover warrants it should consider instituting a motor delivery himself, especially if his district is scattered and includes long runs. A small car is the most satisfactory, but a good motor-cycle combination is cheaper and quite efficient. The speeding up of the service pleases customers, and the advertising value of a smart turnout is considerable.

Mechanical salesmen for films, etc., have no week-end off duty, and each chemist should study where they should be used to advantage. The takings of some outside weighing machines would surprise many chemists who have never gone into the matter. Not all chemists have yet adopted the typewriter, though the businesslike appearance of typed letters and accounts appeals to all. In developing and printing, have the latest machinery and appliances, or none at all.

Yes, many of us might do worse than to meditate, in that last half-hour with a pipe, how best to apply mechanical aids to our business.



# Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

## 28 Essex Street, W.C.2, July 14

WITH the exception of the crude drugs' market, business has been fairly satisfactory this week and the general tone is steady. Shipment inquiry is a poor feature and evidence of loss of business to the Continent on account of import duties, on which there is no drawback, is becoming rather marked. Business in pharmaceutical chemicals has been rather restricted in volume, but the general tone is steady. Most imported products affected by rates of exchange are firmer with barbitone, sulphonal and methyl sulphonal quoted dearer. Makers of mercurials have reduced their prices again, keeping in line with the decline in metal values. Cream of tartar is again quoted cheaper by home makers. The markets in crude drugs are mostly keeping quite steady and some few products show a slight improvement. Business, however, in this section is still rather limited in volume. Gelatin is dearer, and peppers are steadier. Cod-liver oil for shipment is tending to hold at current rates. The demand for agar-agar has slackened. Camphor and menthol have not attracted much business. Buchu is very steady and tends to harden, with supplies rather restricted. Essential oils have experienced a very fair volume of business and prices are holding. The spot markets affected by the removal of the ten per cent. import duty are at the moment unsettled, and more or less nominal, with a tendency to cheapen slightly, but not to the full extent of the duty. The demand for industrial chemicals is about normal and prices are keeping steady, with home makers well placed. Dealers' prices for potassium carbonate are dearer. In the fixed oils group business has been on a better scale, and the general tone is much steadier. Acid, castor, coconut, palm, palm kernel and wood oils show a slight improvement. American turpentine is steady at a sharp advance. Coal-tar products are about unchanged with more inquiry for carbolic acid crystals and the higher grades of cresylic acid.

A drug auction will be held next Thursday, July 21.

## Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	July 14	Value of the £
Amsterdam ..	Fl. to £	12.107	8.80½	14/6½
Berlin ..	Mks. to £	20.43	14.95	14/7½
Brussels ..	Pelza to £	35	22.55	14/7½
Copenhagen ..	Kr. to £	18.159	18½	20/4
Lisbon ..	Esc. to £	110	110	20/0
Madrid ..	Ptas. to £	25.22½	44½	34/10½
Milan ..	Lire to £	92.46	69½	14/10
Montreal ..	Dol. to £	4.86½	4.07½	16/9
New York ..	Dol. to £	4.86½	3.54½	14/7
Oslo ..	Kr. to £	18.159	22½	22/2½
Paris ..	Fr. to £	124.21	90½	14/6½
Prague ..	Kr. to £	164.25	120½	15/5½
Stockholm ..	Kr. to £	18.159	19.45	21/5
Warsaw ..	Zloty to £	43.38	32	14/9
Zurich ..	Fr. to £	25.2215	18½	14/5½

Bank rate 2 per cent.

## Pharmaceutical Chemicals, etc.

ALTHOUGH rather restricted in volume, there is a steady flow of business, and the recently noted better tone is maintained. On account of the decline in the value of the metal mercurials are quoted cheaper. Salicylates are very steady and business is good. Iodides show no further change after last week's reduction. Methyl sulphonal, sulphonal and other imported products are quoted dearer on the decline in sterling.

ACETANILID is steady, with business quiet: B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb. as to quantity.

AMIDOPYRIN.—Spot is irregular and forward rather dearer on current rates of exchange: crystals, five cwt., 16s. 9d.;

two cwt., 17s. 4d.; less than two cwt., 17s. 8d. per lb., with powder 2d. per lb. extra.

AMMONIUM BENZOATE has met with occasional business: spot, 3s. 4d. to 3s. 6d. per lb. as to quantity.

ASPIRIN continues in good demand for the time of year, with makers' and dealers' prices steady. Home trade: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d. per lb. f.o.b.; less than one cwt., 2s. 9d. per lb., ex works.

BARBITONE.—The market is quiet, but dealers' prices are dearer on account of exchange rates: spot, one cwt., 11s. 3d.; 56 lb., 11s. 6d.; smaller quantities, up to 11s. 9d. per lb.

BENZONAPHTHOL is quiet, with spot values unchanged at 3s. 4d. to 3s. 6d. per lb. as to quantity.

BENZOIC ACID (B.P.) is a steady market and business is fairly good: quantities, ex works, 1s. 10½d.; spot parcels, 1s. 11d. to 2s. per lb., ex store.

BROMIDES.—Makers' and dealers' prices are keeping steady, with business rather quiet: ammonium, not less than five cwt., 1s. 9d.; one cwt., 1s. 10d.; smaller quantities, 2s. 1d. per lb.; potassium, B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; smaller quantities, 1s. 10d. per lb.; sodium, B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; smaller quantities, 2s. per lb., net, without engagement. Special prices for larger quantities.

BUTYL CHLORAL HYDRATE is unchanged; business quiet: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—Competition for a limited business is not so severe, but prices are still at comparatively low levels: pure alkaloid, 5s. 10d. to 6s. 3d. per lb.; citrate, 4s. 3d. to 5s. per lb. as to quantity.

CALCIUM LACTATE continues in steady demand and values are maintained: spot, one cwt., 1s. 2d.; 56 lb., 1s. 2½d.; 28 lb., 1s. 3d.; 7 lb., 1s. 6d. per lb.

CHLORAL HYDRATE.—Home makers' prices are maintained: duty-paid crystals, in 14-lb. free containers, five cwt., 3s. 4d.; one cwt., 3s. 5d.; 56 lb., 3s. 6d.; 28 lb., 3s. 7d.; 14 lb., 3s. 8d. per lb.; 28-lb. jars, one penny per lb. extra.

CITRIC ACID (B.P. CRYSTALS).—Makers' prices are unchanged on quotation, with keen competition from dealers: quoted at 1s. 0½d. per lb., less 5 per cent. discount, nominal and without engagement.

CREAM OF TARTAR.—The price quoted by British makers for 99 to 100 per cent. shows a further reduction to 92s. per cwt., less 2½ per cent. discount, nominal and without engagement. Dealers are offering at competitive prices.

CREOSOTE CARBONATE is dull, with dealers quoting spot supplies at about 8s. 6d. to 10s. per lb. as to quantity.

ETHER (METHYLATED).—Home makers' prices are steady: s.g. 0.750, 1s. 1½d.; 0.735, 1s. 2d.; 0.730, 1s. 2d.; 0.725, 1s. 4d. per lb., in w-quarts; 12 w-quarts, halfpenny less, and packed in drums or carboys, 1d. less.

GUAIACOL CARBONATE does not receive much attention on spot: one cwt., 7s. 9d.; 56 lb., 7s. 10d.; 28 lb., 7s. 11d.; small parcels, up to 8s. 3d. per lb.

HEXAMINE.—Gold standard prices continue, with some spot holders quoting rather less: five cwt., 1s. 8d.; two cwt., 1s. 8½d.; smaller parcels, up to 2s. per lb.

HYDROQUINONE.—Dealers' prices are unchanged; business fair in limited quantities: ten cwt., 4s. 8½d.; five cwt., 4s. 9½d.; two cwt., 4s. 10½d.; one cwt., 4s. 10¾d.; 56 lb., 4s. 11¾d.; 28 lb., 5s. 1¾d.; 14 lb., 5s. 3½d.; 7 lb., 5s. 5½d. per lb., carriage paid.

IODIDES.—The following is the full scale of prices now operating in consequence of the recent depreciation of sterling exchange rates. Potassium iodide, B.P.: For not less than one cwt., 17s. 10d.; 28 lb., 18s. 1d.; 14 lb., 18s. 4d.; 7 lb., 20s. 9d.; 4 lb., 21s. 2d.; smaller quantities,



21s. 7d. per lb. Sodium iodide, B.P.: For not less than 23 lb., 19s. 4d.; 14 lb., 19s. 10d.; 7 lb., 22s. 10d.; 4 lb., 23s. 3d.; smaller quantities, 23s. 9d. per lb. Iodine resub., B.P.: For not less than one cwt., 20s. 8d.; 23 lb., 20s. 11d.; 14 lb., 21s. 5d.; 7 lb., 23s.; 4 lb., 24s. 2d.; smaller quantities, 26s. per lb. Iodoform, B.P. cryst., precip. or powder: For not less than 23 lb., 23s. 9d.; 14 lb., 24s. 3d.; 7 lb., 23s. 1d.; 4 lb., 23s. 8d.; smaller quantities, 29s. 3d. per lb. In quantities not less than one cwt. (which may be taken assorted), containers of 23 lb. and outer packages free, carriage paid. Prices are quoted without engagement. Contracts for one cwt., five cwt., ten cwt., or larger quantities, for delivery as required during a period of four months, with rebates applicable to the quantity booked. As the price for iodine is based on the gold dollar, prices for iodides must necessarily be subject to rise and fall conditions, and accordingly contracts carry the following clause: Prices are subject to a rise and fall clause, the price applicable to any given delivery being that in force on the date of receipt of the order, or on the date of despatch, whichever may be the lower. Rebates.—The following rebates are now allowed: For ten cwt. and upwards, taken in one or more deliveries or on contract over four months: On potass. iodide, 7d. per lb.; on sodium iodide, iodine resub. and iodoform, 4d. per lb. For five cwt. the rebates applicable are: On potass. iodide, 4d. per lb.; on sodium iodide, iodine resub. and iodoform, 3d. per lb. One cwt. contracts, deliveries of any of the salts (which may be taken in any quantity) invoiced at 3d. per lb. above the minimum price and the whole quantity becomes subject to 3d. per lb. rebate on completion. Rebates are not allowable unless the full quantity be taken up within four months. Resale clause: It is a condition of sale that buyers undertake not to resell any quantity of any of the above products at prices or terms below the scale for any such quantity current at the time the resale is made.

LACTIC ACID (B.P.) is a competitive market, with business rather quieter: bulk quantities, in carboys, 1s. 5½d. to 1s. 6d. per lb.; small lots, in demijohns and winchesters, 1s. 7d. to 1s. 8½d. per lb., carriage paid.

MERCURIALS.—With the decline in the value of metal, makers have reduced their prices from 3d. to 6d. per lb. to the following figures:—

	Under 112 lb.	Not less than 112 lb.
	Per lb. s. d.	Per lb. s. d.
Ammoniated lump, B.P. (white precip.)	4 10	4 9
" powder, B.P. . . . .	5 0	4 11
Bichloride lump, B.P. (corros. sub.) . .	4 1	4 0
" powder, B.P. . . . .	3 9	3 8
Chloride, B.P. (calomel) . . . . .	4 10	4 9
Red oxide cryst., B.P. (red precip.) . .	5 11	5 10
" levig., B.P. . . . .	5 5	5 4
Yellow oxide, B.P. . . . .	5 3	5 2
Persulphate white, B.P.C. . . . .	5 0	4 11
Sulphide black (hyd. sulph. cum sulph. 50 per cent.) . . . . .	4 11	4 10

Net without engagement. Special prices for larger quantities and for contracts deliverable during three months. Previous price alteration, May 25, 1932.

METHYL SALICYLATE (B.P.).—This market is a good feature, with makers' and dealers' prices steady: one ton and over, 1s. 4½d.; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 6½d.; smaller quantities, in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Dealers' quoted prices have advanced with the fall in exchange rates: spot, two cwt., 19s.; one cwt., 19s. 6d.; 56 lb., 20s.; smaller parcels, 20s. 9d. per lb.

MILK SUGAR is a competitive market, with Continental material on spot: one ton, 50s. 6d.; ten cwt., 51s. 6d.; two cwt., 52s. 6d. per cwt., in two-cwt. cases.

PARAFORMALDEHYDE is meeting with a moderate inquiry: 100 per cent. powder, bulk quantities in kegs, 1s. 1½d. to 1s. 2d.; smaller parcels up to 1s. 7d. per lb.

PARALDEHYDE is unchanged and rather quiet: quantities in carboys, 1s. 1d. to 1s. 1½d.; in winchesters, 1s. 4d. per lb.; higher prices for small quantities.

PHENACETIN.—Spot offers are cheaper than forward on current rates of exchange; market is inclined to be steadier: crystals, ten cwt., 5s. 1d.; five cwt., 5s. 2d.; two cwt., 5s. 4d.; and less, 6s. per lb., with powder 2d. per lb. extra.

PHENAZONE is fairly steady on spot, with shipment dearer on current rates of exchange: crystals, ten cwt., 9s.; five cwt., 9s. 2d.; two cwt., 9s. 4d.; and less, 9s. 9d. per lb., with powder 2d. per lb. extra.

PHENOLPHTHALEIN.—Business is keenly competed for at comparatively low values.

POTASSIUM PERMANGANATE (B.P.).—Business in small parcels continues and the market is steady: bulk quantities, in drums, 8½d. to 8¾d.; druggists' parcels, 9d. to 9¾d. per lb.

POTASSIUM SULPHOGUAIACOLATE.—Dealers are offering spot supplies at 4s. 8d. to 4s. 9d. per lb. for small lots.

PYROGALLIC ACID.—Makers' prices are steady: one cwt., 6s. 9d.; 56 lb., 7s.; 23 lb., 7s. 3d.; 14 lb., 7s. 9d.; 7 lb., 8s. 6d. per lb., in 7-lb. tins.

QUININE SULPHATE.—The Convention price is maintained at last week's advance to 2s. 4d. per oz., carriage paid on bulk quantities.

RESORCIN.—A fair demand has been dealt with and quoted prices are maintained: crystals, one cwt., 4s. 6d.; 56 lb., 4s. 7d.; 23 lb., 4s. 8d.; 14 lb., 4s. 10d.; 7 lb., 5s.; less than 7 lb., 5s. 6d. per lb., with powder 3d. per lb. extra.

SALICYLIC ACID (B.P.).—Home makers' prices are firm: one ton, 1s. 5d.; ten cwt., 1s. 5½d.; five cwt., 1s. 6d.; one cwt., 1s. 6½d.; small parcels, up to 2s. per lb.

SALOL.—Controlled prices are maintained; business quiet: crystals, two cwt., 5s. 2½d.; one cwt., 5s. 4¾d.; 56 lb., 5s. 6d.; smaller parcels, 5s. 7½d. per lb.; powder, 2d. per lb. extra.

SANTONIN.—The market is irregular and prices for quantities are a matter of negotiation.

SODIUM BENZOATE (B.P.) meets with a steady call on a competitive market: bulk quantities, 1s. 7½d. up to 2s. per lb. for small parcels.

SODIUM DIETHYLBARBITURATE is seldom in request; market steadier on lower rate of exchange: one cwt., 12s. 8d.; 56 lb., 12s. 11d.; 23 lb., 13s. 1½d.; 14 lb., 13s. 3d.; smaller quantities, up to 13s. 9d. per lb.

SODIUM SALICYLATE (B.P.).—Business is quite good, with dealers' and makers' prices keeping steady. Home trade: powder, two tons, 1s. 10d.; one ton, 1s. 10½d.; ten cwt., 1s. 11d.; five cwt., 1s. 11½d.; one cwt., 2s.; 23 lb., 2s. 1d.; 14 lb., 2s. 3d. per lb., with crystals 1d. per lb. extra.

SULPHONAL.—Dealers are quoting at higher figures, due to fall in sterling exchange: spot, two cwt., 15s. 2d.; one cwt., 15s. 8d.; 56 lb., 15s. 11d.; small parcels, up to 16s. 8d. per lb.; powder, 2d. per lb. extra.

TARTARIC ACID (B.P. CRYSTALS).—Makers' price for this market is quoted at 1s. 0½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are quoting at keen prices.

THEOBROMINE.—Continental material is fairly steady, but values are still at comparatively low levels: pure alkaloid, 5s. 3d. to 5s. 6d.; sodium salicylate, 5s. to 5s. 2d. per lb. as to quantity.

THYMOL.—Business remains slow, with the market easy: synthetic, fine white, one cwt., 5s. 10½d.; 56 lb., 6s.; 23 lb., 6s. 1½d.; 14 lb., 6s. 3d. per lb.; ex ajowan seed, one cwt., 7s. 6d.; 56 lb., 7s. 7½d.; 23 lb., 7s. 9d.; 14 lb., 8s. per lb.

VANILLIN.—Market is fairly steady, with not much material offering at less than the fixed rates: ex guaiacol, one ton, 14s. 3d.; ten cwt., 14s. 6d.; five cwt., 14s. 9d.; three cwt., 15s.; one cwt., 15s. 3d.; 56 lb., 15s. 6d.; 23 lb., 15s. 9d.; 14 lb., 16s.; less, 16s. 3d. per lb.; ex clove oil, 16s. to 18s. per lb. as to quantity, from one ton to less than 14 lb.

### Crude Drugs, etc.

AGAR-AGAR.—Business has fallen off after the revival last week; spot values are about unchanged and shipment rather easier. Spot, Kobe No. 1, 3s. 1½d.; No. 2, 2s. 10½d.; Yokohama No. 1, 2s. 10½d. per lb. Shipment, Kobe No. 1, 2s. 1d.; No. 2, 1s. 9d.; Yokohama No. 1, 1s. 9½d. per lb. c.i.f.

ANTIMONY.—Quoted values are unchanged on the week. Chinese crude, spot, £16; shipment, £13 c.i.f. Chinese oxide, spot, £25; shipment, £17 10s., c.i.f.

BELLADONNA.—Dealers' prices are holding; business quiet. Leaves, 70s.; root, 52s. 6d. per cwt., c.i.f.

BURDOCK ROOT.—Spot supplies are offering at about 40s. per cwt.

BUCHU.—A steady business of some importance has been done and the market is fully maintained. Supplies for shipment are reported to be running short. On spot, good green rounds are in limited supply at from 1s. to 1s. 1d. per lb.; brownish rounds, about 10d. to 10½d.; ovals, from 8½d. to 9d. per lb., as to colour. The tone of the market is healthy.



**CAMPHOR.**—The spot market for Japanese is steady and occasional business is reported. Spot, slabs, 2s. 5d.; flowers, nominal; tablets in limited supply at about 3s. 1d. per lb. Shipment has been dull and is a fraction easier: slabs, 1s. 10½d.; flowers, 1s. 10¾d.; tablets, 2s. 5d. per lb., c.i.f. English refined is quoted unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ¾ oz. and 1 oz., 3s. 6d. per lb.; special prices for contracts for quantities.

**CASCARA SAGRADA.**—The shipment market for 1932 peel, July-September shipment, is now quoted at about 35s. 6d. per cwt., c.i.f., for good quantities, and slightly less for car-load lots. Spot, 1931 peel, steady at 52s. 6d. per cwt.

**CELERY SEEDS.**—Some spot supplies are quoted at about 120s. per cwt.

**CLOVES.**—Rather quiet but steadier, with values level on the week. Zanzibar, spot, 7½d.; shipment, July, 6½d.; August-October, 6¾d., c.i.f. Madagascar, spot, 7½d. per lb.

The landings of Zanzibar in London during the week ended July 9 were nil, and the deliveries 24, leaving a stock of 1,858, against 442 in 1931. From January 1 to date landings of Zanzibar have been 4,350, against 954 in 1931, and the deliveries 4,479, against 1,531 in 1931. Landings of Madagascar for the week ended July 9 were nil, and the deliveries nil, leaving a stock of 1,564, against 1,274 in 1931. Landings of Madagascar this year to date have been 782, against 2,085 in 1931, and the deliveries 225, against 1,717 in 1931.

**COCONUT (DESICCATED).**—The market is steadier, with shipment slightly dearer. Spot, fine, 21s.; mediums, 23s. per cwt.; shipment, halves, July-August, 21s. per cwt., c.i.f.

**COD-LIVER OIL.**—Quietly steady in the off-season, with shippers not anxious to sell at current prices. Finest Lofoten steam-refined, non-freezing medicinal oil, 78s. to 79s. per barrel, c.i.f. Spot, about 95s. per barrel, ex warehouse, duty paid. Some brands would be at cheaper prices.

**ERGOT.**—New crop Spanish is offered at about 1s. 9d. per lb., c.i.f., and spot is at about 2s. 1d.; Portuguese, spot, from 2s. per lb. Russian is offering at about 1s. 4½d. to 1s. 5d. per lb., spot.

**GELATIN.**—The market shows an advance. Spot, gold leaf, 2s. 2d.; silver leaf, 2s.; bronze leaf, 1s. 8½d.; thin leaf, 1s. 7½d. per lb., in cwt. cases.

**GENTIAN.**—Dealers quote spot supplies at about 45s. cwt.

**GINGER.**—With a recovery in values the market is now steady. West African, spot, 22s. 6d.; for arrival, 20s. per cwt., c.i.f.

**GUM ACACIA.**—Business has been slow, but the market is maintained on quotation. Spot, Kordofan cleaned sorts, 37s.; natural, 35s.; bleached, 75s. to 76s. per cwt. Shipment, Kordofan cleaned sorts, 31s. 6d.; natural, 29s. 6d. per cwt., c.i.f.

**HENBANE.**—Dealers are quoting spot at about 40s. per cwt.

**HENNA LEAVES.**—Supplies are available at about 25s. to 35s. per cwt., spot, as to colour.

**HONEY.**—The seasonal quietness of this market continues, with values holding steady.

**INSECT FLOWERS.**—Closed Dalmatian on spot are mentioned at 110s. per cwt., and Japanese flowers, to arrive, at about 90s. per cwt.

**IPCACUANHA.**—The demand for this article is still unimportant, with Matto Grosso at about 4s. 8d. to 4s. 9d., and it is possible these figures would be slightly shaded for a good bulk quantity. Minas, spot, about 4s. 2d. per lb.

**LYCOPodium.**—The spot market is steady at about 3s. 6d. per kilo.

**MANNA.**—The price quoted by dealers is now in the region of 4s. per lb. in 1-lb. tins.

**MENTHOL.**—This market has been dull and there is some irregularity in quoted values on spot, due to offerings of supplies landed prior to operation of import duty. K/S brands, spot, 12s. 10½d. to 13s., and less for bulk quantities; shipment, July, 10s. 6d.; August-September, 10s. 3d.; October-December, 10s. per lb., c.i.f.

**MERCURY.**—The Spanish-Italian group shipment quotation is nominal but competitive. Spot values are in the region of £11 per bottle, ex store, as to quantity.

**OPTUM.**—Shipment quotations are reported to be firm and equivalent to the landed value, duty paid of fully 1s. 4d. per unit. Reports state the crop is estimated at about 1,000 cases. Indications point to the market advancing rather sharply in consequence of the poor crop, and that foreign buyers, chiefly Japan, are stated to be coming into the market.

**PARSLEY SEEDS.**—Dealers' prices are in the neighbourhood of 35s. per cwt., spot.

**PEPPER.**—On balance, values show some appreciation on the week; business has been patchy. Lampong, spot, 6½d.; shipment, May-July, 5¾d.; August-October, 4½d. paid c.i.f. Tellicherry, spot, 7d.; shipment, August-September, 64s., c.i.f. Aleppo, spot, 6½d.; shipment, August-September, 60s., c.i.f. White Muntok, spot, 7½d.; shipment, May-July, 6¾d. sold; August-October, 6¾d. sold, c.i.f.

**PIMENTO.**—The market has been quiet, but keeps fairly steady. Spot, 2¾d. per lb.; shipment, July-August, 22s. per cwt., c.i.f.

**QUASSIA CHIPS.**—Spot is offered at about 22s. per cwt.

**QUILLARIA BARK.**—Supplies of crushed root on spot are quoted at about 35s. per cwt.

**RUBBER.**—The market shows an improvement on the week. The tone is steadier and business has been on a better scale. U.K. stocks continue to decline, being 108,523 tons, as against 136,523 tons a year ago, and 110,226 tons last week. Standard ribbed smoked sheet, sellers, spot, 1¾d.; July, 1¾d.; August, 1¾d.; September, 1¾d.; October-December, 2¾d.; January-March, 1933, 2¾d.; April-June, 2¾d. per lb.

**SAFFRON.**—Dealers' prices show a small reduction this week. Spot, prime B.P., 55s. 9d.; extra B.P., 52s. 6d.; super B.P., 48s. 9d. per lb., and less for bulk quantities.

**SARSAPARILLA.**—Steady, but there is little business moving. Grey Jamaica, 2s. 3d.; native, red, 1s. 4d.; mixed colours, 1s. 3d. per lb.

**SEEDS.**—**ANISE.**—Spanish, 52s. 6d.; Turkish, 35s.; Russian, 37s. 6d. per cwt. on spot. **CANARY.**—Market unchanged from last week. Spot Mazagan, 15s.; Tangier, 14s. 6d.; Kenitra, 14s. **LINSEED.**—Spot, Mazagan, 12s. 6d.; Morocco, 12s. **CORIANDE.**—Market quiet. Morocco, 1929 crop, 16s.; wormy, 14s. 3d.; 1932 crop, for shipment, quoted at 13s. 6d., c.i.f. **CUMIN.**—Spot, Malta, a few bags to be had at 47s. 6d.; Morocco selling at 26s. **FENUGREEK.**—Tunisian, 15s. 6d.; Morocco, 13s. 6d., sold at. **CARAWAY.**—Dutch, on spot, offering at 32s., duty paid. **MUSTARD.**—English, 21s. to 32s. 6d. per cwt., according to quality.

**SENEGA.**—Spot is mostly neglected, with the quoted figure at about 1s. 6d. per lb. Shipment prices for new crop have been temporarily withdrawn, due to indefinite news on the crop.

**SENNA.**—Alexandrian pods of all grades are in very slow request, but prices are about unchanged. Fine bold Tinnevely leaves are in short supply on spot.

**SQUILL.**—Dealers' prices for spot supplies are in the region of 27s. 6d. per cwt.

**STRAMONIUM LEAVES.**—Spot is quoted from 42s. 6d. to 56s. per cwt., as to quality.

**VALERIAN ROOT.**—Supplies of good clean Belgian root are quoted at about 40s. per cwt., spot.

### Essential Oils, etc.

THE removal of the import duties on a number of important oils has unsettled the spot markets, and values at the moment are more or less nominal. Some cheapening in spot values in these products may take place, but to some fair extent the ten per cent. tax has already been discounted. Business has been fairly satisfactory and moving on a good scale.

**ALMOND.**—Genuine s.a.p. is unchanged at 8s., and sweet almond at 2s. per lb.; market is quiet.

**ANISE (STAR).**—Spot has been dull and values are generally unchanged. The removal of the import duty has unsettled spot, and values at the moment are nominal, tending to cheapen slightly; spot, "Red Ship," in leads, 2s.; in tins, 1s. 10d.; in drums, 1s. 9d.; nominal shipment, in leads, 1s. 7½d.; in tins, 1s. 6d.; in drums, 1s. 5½d. per lb., c.i.f.

**BERGAMOT.**—With the removal of the import duty the Consortium spot price has been reduced to about 9s. 6d. per lb. Independent spot holders are reported to be quoting at very competitive prices.

**BOIS DE ROSE.**—The removal of the import duty from July 15 is not likely to affect the spot market for Cayenne, owing to acute shortage of supplies; the quotation for any available would be in the region of 9s. per lb. Brazilian is somewhat irregular, with the possibility of a comparatively cheap seller; most quotations are from 4s. to 4s. 4d. per lb., and some holders are looking for 4s. 6d.

**CARAWAY** does not show much life. Spot sellers of Continental twice rectified at about 8s. to 8s. 4d. per lb.



**CASSIA.**—Spot is about steady at 3s. 9d. to 3s. 10d. per lb., and shipment is in the region of 3s. 1½d. per lb., c.i.f. Some occasional business is reported.

**CEDARWOOD** has been receiving more attention with quantities in drums 1s. 9d. to 1s. 9½d.; small quantities, about 1s. 11d. per lb.

**CINNAMON LEAF** is a little better, with some sellers asking 3s. 4d. to 3s. 6d. per lb.; there may be an isolated seller at less.

**CITRONELLA.**—The better tone recently reported is maintained, and a steady flow of small business continues. Java, spot, 2s. 8d. to 2s. 8½d.; shipment, 2s. 5d. per lb., c.i.f. Ceylon, spot, 1s. 7½d. to 1s. 8d., as to quantity; shipment, 1s. 5½d. per lb., c.i.f. This product was not included in the list of exemptions, and Java will therefore continue liable to the ten per cent. import duty.

**EUCALYPTUS.**—Interest in this article has been small. Spanish, 70 to 75 per cent., 1s. 2d. Australian, 70 to 75 per cent., 1s. to 1s. 0½d.; 80 to 85 per cent., 1s. 1d. to 1s. 1½d. per lb., as to quantity.

**GERANIUM.**—The duty has been ordered to be removed as from July 15. Prior to this development Bourbon on spot was irregular, due principally to an isolated cheap seller; at the moment the value is nominal at about 26s. per lb. Algerian is quoted in one quarter at about 24s. 6d., while other holders are looking for about 26s. per lb. The removal of the duty tends to cheapen spot in due course, provided the shipment market remains unchanged.

**GINGERGRASS** is holding about steady, as quoted, on spot at 7s. 2d. to 7s. 3d. per lb.

**JUNIPER BERRY (B.P.)** is quoted from 4s. 6d. to 4s. 9d. for small lots, and these figures might be shaded for bulk quantities.

**LAVENDER.**—The removal of the import duty will no doubt lead to cheaper spot values, but at the moment prices are nominal, and the market has yet to settle down. Both for spot and for shipment so much depends on the brand. The shipment figure for an average brand is about 8s. 6d. per lb., c.i.f.

**LEMON.**—A steady business has been done. The import duty is due to be removed on Friday, July 15. For some time both spot and shipment prices have varied considerably, and the ample supplies on spot brought in prior to the imposition of the duty in March last has to some fair extent discounted the ten per cent. tax. Consequently spot is not likely to decline materially now that the duty has been lifted. Sicilian, hand-pressed, spot, 4s. 1d. to 5s. 2d.; shipment, 3s. 11d. to 4s. 9d. per lb., as to brand and quantity. One of the cheapest sellers for shipment is reported to have advanced their price by threepence per lb. Californian oil has been reduced to 57 cents per lb., in drums.

**LEMONGRASS** is unchanged, with business about average. Spot, quantities from 1s. 10d., and shipment about 1s. 8½d. per lb., c.i.f.

**LIME** is a very steady market, and a fair business is being done. West Indian, spot, 35s. to 36s. per lb.

**MANDARIN.**—Some small inquiry has been dealt with; spot, about 16s.; shipment, 14s. per lb., c.i.f.

**ORANGE.**—Business has been about average and the market is fairly steady, although competition is rather keen. Sicilian sweet, spot, 7s. to 7s. 3d.; shipment, 5s. 9d. to 6s. per lb., c.i.f. West Indian, hand-pressed, 5s. 6d. per lb., c.i.f. French Colonial, 5s. 9d. per lb., c.i.f. Californian, 80 to 90 cents per lb., as to quantity.

**PALMAROSA.**—The spot market is well maintained at 3s. 6d. per lb., with small parcels about 8s. 9d.

**PEPPERMINT.**—The ten per cent. import duty is removed. Spot has been neglected and, at the moment Japanese dementholised is nominal at about 3s. 11d. per lb. The shipment market advanced early on, but has since fallen back, closing unchanged; July, 3s. 3d.; August-September, 3s. 2d.; October-December, 3s. 1½d. per lb., c.i.f. American oil for shipment is reported dearer at one dollar 35 cents per lb., c.i.f.

**PETITGRAIN** is quoted on spot at about 4s. 2d. to 4s. 4d. per lb., with the market steady, but quiet.

**ROSEMARY.**—The market is steady as quoted and business is fair. Spanish, spot, 1s. 9d. to 1s. 10½d. per lb. French, 4s. 2d. to 4s. 3d. per lb., as to quantity.

**SASSAFRAS** is a point cheaper, with spot now quoted at 4s. 6d. for quantities, and 4s. 9d. per lb. for smaller parcels.

**SPEARMINT** is rather quiet with spot offers at about 8s. per lb. for quantities, and 8s. 3d. for smaller lots.

**WORMSEED** is quoted on spot at about 9s. 6d. per lb., with business slow.

### Fixed Oils, etc.

**BUSINESS** in most products has been on a fair scale and the general tone is gradually improving. Quoted values are either holding at former rates or show a slight advance. American turpentine is steady and dearer. Palm oils are better. Linseed (raw, naked) is the only product showing a loss. **ACID OILS.**—Prices are slightly higher and the market is keeping steady; coconut and/or palm kernel, 22s.; groundnut, 21s.; soya, 14s. 6d. spot. **CASTOR.**—Quoted prices show a recovery and there has been more business moving; pharmaceutical, 41s. 6d.; first pressings, 36s. 6d.; second pressings, 31s. 6d. (barrels); cases £4 per ton extra, ex mills. Hull, in not less than one ton lots; Bombay, 27s. 3d. (drums), c.i.f. **COCONUT** is again a shade better and there has been more business moving; deodorised, 33s. 3d. (barrels) spot; Ceylon, 22s. 3d. (drum), c.i.f. **COTTON** is about steady and business has been fair; deodorised, 23s. 3d.; common edible, 26s. 3d.; soapmaking, 24s. 3d.; crude, 23s. 3d. (barrels) spot. **GROUNDNUT** is unchanged with business limited; deodorised, 39s. (barrels) spot; crude Oriental, 34s. 6d. (drums) c.i.f. **LINSEED** (raw, naked).—The market has been dull and forward positions show some loss, closing rather unsteady: on spot, 14s. 6d.; July, 12s. 9d.; August, 12s. 10½d.; September-December, 13s. 1½d.; January-April 1933, 14s. 1½d. Boiled oil, spot, 17s. 3d. **OLIVE.**—The market is a little steadier and enquiry has been better; edible, in tins in cases, 8s.; in drums, 7s. 6d.; B.P., 4s. 9d.; per gallon, in 40 gallon barrels. **PALM.**—Values for all grades show a small recovery and the market is steadier with more business moving; Lagos, 16s. 6d.; softs, 15s. 6d.; mediums, 16s. 6d.; hards, 17s. 6d.; bleached, 18s. 6d.; spot. **PALM KERNEL** is an improved market; deodorised, 32s.; crude, 25s.; spot. **RAPE** is about steady but rather quiet; refined, 32s. 6d.; crude, 30s. 6d.; spot. **RESIN.**—The market is steadier with some grades quoted slightly dearer; B, 12s.; D, 12s. 3d.; F/G, 12s. 9d.; N, 18s. 9d.; W/G, 21s. 9d.; W/W, 22s. 6d. per cwt., ex wharf. **SOYA.**—Deodorised on spot is irregular at from 27s. 6d.; crude, 24s. spot. **TURPENTINE.**—The market is steady, with values showing a sharp advance: total London stocks, 11,431 barrels. On spot, 61s. **WOOD.**—Hankow in barrels is dearer at 49s. spot.

### Sudan Gum Acacia Exports

**BOXALL & Co.** report exports for May 1932 totalled 1,182 tons, compared with 1,843 tons in May 1931. Total exports for the period January-May 1932 were 8,673 tons, compared with 11,751 tons for the same period of 1931. The following were the chief destinations:—

Destination	1931			1932		
	Jan.-Apr.	May	Total	Jan.-Apr.	May	Total
Great Britain ..	2,574	480	3,054	1,798	353	2,151
U.S.A. ..	1,762	428	2,190	988	123	1,111
France ..	1,091	221	1,312	1,130	258	1,388
Germany ..	1,042	104	1,146	812	122	934
Italy ..	512	136	648	561	74	635
Belgium ..	767	65	832	434	38	472
Japan ..	640	86	726	339	—	339
Spain ..	177	26	203	179	19	198
Holland ..	329	132	461	382	30	412
Sweden ..	283	58	341	83	15	98
Norway ..	15	1	16	18	—	18
Australia ..	177	17	194	214	59	273
New Zealand ..	18	—	18	13	11	24
China ..	175	36	211	81	3	84
Canada ..	39	6	45	46	7	53
British India ..	66	—	66	47	24	71
Denmark ..	29	8	37	59	1	60
Poland ..	30	11	41	14	2	16
Rumania ..	8	2	10	8	—	8
Greece ..	10	2	12	17	5	22
Egypt ..	42	14	56	72	15	87
Argentina ..	35	2	37	94	—	94
Brazil ..	21	1	22	29	10	39

The export figures are made up of the following qualities:—

	Hashab	Bleached	Talha	Total
May, 1931.. .. tons	1,728	35	80	1,843
May, 1932.. .. "	1,079	14	89	1,182
January-May, 1931 tons	11,098	51	602	11,751
January-May, 1932 ..	8,150	60	463	8,673



# Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

## Higher Education in Pharmacy

SIR,—Many of your readers may not be acquainted with the facilities offered in University College, Nottingham, for higher education in pharmacy, and I should be grateful for the opportunity to make these better known to students through the medium of *THE CHEMIST AND DRUGGIST*. Three Science Research Scholarships up to the value of £100 each and tenable for one or two years may be awarded each year to suitable candidates in science. These scholarships are open to graduates of any British University. Application must be made to the Registrar of the College not later than the second day following the publication of the degree examination lists of the University of London. Bachelors of pharmacy are eligible for election to these scholarships. Pharmaceutical students proposing to read for the degree of B.Pharm. of the University of London may enter for the College scholarships, exhibitions and studentships, awarded on the results of an entrance examination held in May each year. The value of a scholarship is up to £80 per annum, and of an exhibition up to £50 per annum; the value of a studentship is up to £31 10s. per annum, and may be augmented in exceptional cases. These students are also eligible for Revis scholarships, studentships, grants and loans awarded under the Revis Foundation Scheme, provided that they are ordinarily resident, or children of parents ordinarily resident, in the East Midlands area, or children of parents ordinarily resident in the East Midlands area at the time of such children's birth. On the results of the Pharmaceutical Society's annual scholarship examination the College will be prepared to award to a student recommended by the Society's Council a studentship of the annual value of £31 10s. (covering tuition fees). The student would be required (a) to have passed the University of London Matriculation examination or an examination exempting therefrom, (b) to read for the B.Pharm. degree of the University of London. Full particulars of all scholarships and studentships tenable at the College may be obtained on application to the Registrar of the College.—Yours faithfully,

A. O. BENTLEY.

Nottingham.

## Carelessness in Pricing

SIR,—Your article (*C. & D.*, July 2, p. 15) on "Prescription Pricing" is worthy of much more than passing notice, as it is of the highest importance that dispensing chemists should learn to estimate the value of their services to the public on a higher scale than is the universal custom. The suggestion of "Xrayser," that apprentice masters should provide opportunities for gaining experience by setting their apprentices to price prescriptions and subsequently checking the prices, is good. In addition, newly engaged assistants should be tested in their knowledge of pricing prescriptions by the *C. & D.* Costing System, and not allowed to carry on until they prove their fitness in this respect. Finally, chemists who habitually offend by their carelessness in pricing prescriptions might be made the recipients of courteous protests from their local associations, and the protests be persistently repeated until such time as the offenders show signs of reformation. In every possible way this evil of carelessness or thoughtlessness in pricing ought to be attacked with a view to its ruthless suppression, because the future of pharmacy depends so largely upon our receiving adequate remuneration.

Yours truly,

KRITES (9/7).

SIR,—I am glad to see that you have returned to the problem of the under-priced prescription (*C. & D.*, July 2, p. 15) as it is causing a good deal of trouble again, and chemists who are pricing out their prescrip-

tions correctly are generally higher in their charge than the guessers. The idea that Insurance dispensing carries 50 per cent. gross profit is one which is responsible for a lot of this loose thinking about pricing. Roughly the cost of the drugs averages 4½d. per script, while the dispensing fee comes to about the same figure, and that is where the idea of 50 per cent. gross developed. Actually the fee is supposed to be for the work of dispensing and compounding the medicine and the drugs are sold without profit. If the chemist sold the same drugs over the counter without any dispensing or compounding he would expect to get 50 per cent. gross or at the lowest a third on the sale of small quantities, why therefore should he supply them at cost when sold in a bottle with other ingredients? No other trade or business supplies materials at cost and charges for labour only. You sum this admirably when you say that "any prescription sold on the basis of cost of ingredients is a loss to the vendor, and he would most probably be better without the business." You also speak of analysing costs—it is very obvious that panel chemists can have had no experience of costing. If they had and could make out a true cost sheet of the dispensing service, with the time, labour, and overhead charges properly filled in, they would find out what their 50 per cent. gross was really worth and that there was little or no net profit attached to it. But the man who omits his fee from the price of the prescription must obviously be in business as a philanthropist. In the case where a proprietary line has to be dispensed from broken bulk leaving the larger proportion on hand, what is the best way to deal with it? To charge for the whole of the proprietary on the first occasion *plus* the rest of the price of the prescription and to make a corresponding reduction for repeats, or to charge for the amount dispensed and risk the dead stock?

Yours faithfully,

COSTIT (9/7).

## Storing Photographic Materials

SIR,—The instance quoted by Mr. T. Thorne Baker in his notes on "The Treatment of Photographic Stock" (*C. & D.*, July 2, p. 10) of plates being in good condition and fit for use when eleven years old speaks well for the manufacturers. I have myself used plates and films which have been three or four years old, and have found them quite satisfactory, so that it is evident that the dating as carried out on film cartons is largely under-estimated. It may safeguard the manufacturer, but the year or so which is generally allowed might well be expanded without involving liability. I read Mr. Baker's remarks on the storage of films with interest, but I looked in vain for some hints on the storage and sale of gaslight and self-toning papers. The packets of these are not dated, although they are marked with a batch number, thus enabling the makers to trace them if necessary, and the life of paper is much shorter than that of plates or films. In these days of D. and P. departments the sale of papers is nothing so large or constant as it used to be, and yet one has to keep a certain range of stock if professing to sell photographic materials. For this reason paper has caused me considerable loss in the past, and any methods for keeping a representative stock without having to throw away stale packets remaining over at the end of the year will be welcomed.—Yours faithfully,

PAPIRO (9/7).

## Pharmaceutical Discussion in Northern Ireland

SIR,—I was very much interested in "Suggestio's" letter in the *C. & D.*, July 9 (p. 51). I should be glad to see his suggestions put into practice, especially with regard to the British Pharmacopœia, 1932, which is



soon to be our new guide and standard for pharmaceutical preparations. I think a meeting, or preferably a series of meetings, taking the form of a Preliminary lecture, by some of our own leaders in pharmacy, such as the gentlemen mentioned by "Suggestio," followed by an open debate, would be quite popular. Professor Small should have some valuable suggestions to make, more especially since he was one who helped to bring the new book into being. Such meetings as these would, I am sure, be appreciated by all pharmacists, but especially by those who, like myself, are just recovering from the effects of swallowing and trying to digest the 1914 edition. We still remember enough to enable us to compare and contrast the old with the new. The lectures should also be found useful by present students who have not as yet started their Part II course, and will have to study the new volume for their final examination.—Yours, etc.,

ANOTHER YOUNG PHARMACIST (9/7).

### A Revenue Question

SIR,—It makes the plain chemist rub his eyes and sit up and take notice when he sees the wholesale perfumers obtaining duty-free spirit for perfumes. Personally I cannot understand any Government letting their revenue disappear like this, especially as next year there is not likely to be anything like such a yield from income tax as there has been this year. It seems to me that the Government, having practically presented the patent medicine stamp duty to the leading patent medicine manufacturers, now look round and say to the perfumers come and have a bonus yourselves and use duty-free alcohol. When one considers the quantity of alcohol used for perfumes it really makes one gasp. For the past year the yield of revenue from medicine-stamp duty shows a decrease, but the prospective loss on duty-free perfumes is going to be very much more. As usual, the retailer does not get any increased profit out of the transaction, but I imagine the wholesaler is going to make a very much larger profit.—Yours, etc.,

P. H. C. (27/6).

## Legal Queries

H. S. (9/6).—The various references contained in the pamphlet to ailments and to the action of the mixture on the human organism undoubtedly render the preparation in question liable to medicine-stamp duty. In addition, the inclusion of your name in the possessive case affords a further ground for liability. The fact that the mixture itself is supplied with a plain label does not absolve the article from liability incurred by claims which render it dutiable. These may be made in any advertisement, circular or printed matter, etc., used or issued in connection with the article.

B. M. L. (1/7).—There is no duty on cider or the manufacture of cider, but a licence varying from £2 5s. to £6, according to the annual value of the premises, is required for the sale of cider by retail (less than 4½ gallons or two dozen reputed quarts) for consumption on or off the premises. For consumption off the duty is a fixed sum of £2 only. A licence to retail beer also allows the holder to sell cider. There are two categories of beer for the purpose of Customs duties: (1) Beer called mum, spruce, or black beer, Berlin white beer, or other preparations of similar character, whether fermented or unfermented; and (2) any other description of beer. The fact that a beer was made without hops would, therefore, not exempt it from duty. And as now, by the Finance Act just passed, it is made an offence for any person (1) for the purpose of selling any substance to describe such substance by any name or words which is or are calculated to indicate that it is a substitute for, or bears any resemblance to ale, beer, porter or stout, or any such liquor, or (2) sells, or offers for sale or has in his possession for the purpose of sale any substance so described "unless he proves that either the customs duty or the excise duty chargeable on beer has been paid in respect of the whole of the substance."

## Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

C. & H. (6/68).—SETTING LOTION.—The following formula for a setting lotion is from an American source:—

Potassium carbonate ..	15 gm.
Borax ..	15 gm.
Alcohol (95 per cent.) ..	300 c.c.
Perfume to suit ..	..
Water ..	to 1,000 c.c.

Dissolve the salts in 500 c.c. of water. Add the alcohol and sufficient water to make the product measure 1,000 c.c. Perfume to suit. This liquid is a type of the so-called "setting" lotions used to dampen the hair prior to the heating. An article on setting lotions was published in the *C. & D.*, May 21, p. 555.

J. S. (17/68).—EAR-MARKING BLACK PIGS.—There is no satisfactory ink for tattooing black pigs, and that for this reason the National Pig Breeders' Association supplies a special instrument for notching the ears of the animals retained for breeding or registration.

G. F. (8/68).—Ammonium chloride has frequently been recommended for keeping flowers fresh.

J. W. M. (21/68).—KAOLIN AND PARAFFIN EMULSION.—A satisfactory emulsion of this type can be produced based on the following formula:—

Gelatin ..	0.5 parts
Kaolin ..	4 parts
Liquid paraffin ..	50 parts
Distilled water ..	to 100 parts

Soak the gelatin in 45 c.c. of water and liquefy. Transfer to a mortar, add the liquid paraffin gradually with constant trituration, then the kaolin until a perfect suspension is obtained. The dose is one to two table-spoonfuls.

C. D. S. (20/58).—TRANSPARENT TRAGACANTH JELLY.—In order to make a transparent tragacanth jelly it is important to use only the finest transparent flake gum. This should be soaked in sufficient water to contain the desired percentage, and when swollen up, heated to within a few degrees of boiling point, taking care to avoid burning.

P. E. C. (30/58).—CRACKS IN FLOOR-BOARDS.—Plastic wood (a mixture of sawdust and cellulose acetate) is the ideal substance to use for filling up the cracks in the floor-boards, but this process would prove somewhat expensive. To reduce the cost we suggest you hammer tow or rope into the cracks until it is just below the level of the boards, then fill up the remaining space with plastic wood. An alternative method would be to force into the cracks thin wood laths and level off by means of a carpenter's plane.

## Retrospect of Fifty Years Ago

Reprinted from

"The Chemist and Druggist," July 15, 1882

### Methylated Ether

Mr. H. B. Hewetson, in "The Lancet," has attempted to reverse the generally received opinion that methylated spirit is inferior to the rectified in the manufacture of ether for anaesthetic purposes. . . . Mr. Hewetson, as far as ether is concerned, maintains that the methylated variety is in itself preferable to that made from pure spirit of wine. . . . The experience of Mr. Hewetson tends to show that the pure sample [i.e., that made from rectified spirit] is apt to produce sickness and laryngeal spasm in certain cases in which there is a disposition to such complications. Also it is about twice the cost . . .



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1927

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ANTI-PNEUMOCOCCUS  
SERUM—LEDERLE  
(FELTON'S SERUM)

## BOOTS PURE DRUG CO., LTD.

Manufacturing Chemists and  
Makers of Fine Chemicals

NOTTINGHAM - - - ENGLAND

TELEPHONE :  
NOTTINGHAM 45501

TELEGRAMS :  
"DRUG," NOTTINGHAM



WHOLESALE ONLY

## CHAS. ZIMMERMANN &amp; CO.

(CHEMICALS), LTD.

Telegrams :

Inland :  
"ACIDOLAN, BILGATE,  
LONDON."Foreign :  
"ACIDOLAN, LONDON."

9-10 St. Mary-at-Hill, London, E.C.3

Telephones :  
ROYAL 1866 (4 lines).

## CHEMICALS

PHARMACEUTICAL

TRADE



MARK

PHOTOGRAPHICTECHNICAL

Acid Lactic

Acid Tartaric

Acid Tannic

Adrenalin

Aspirin

Bromides

Caffeine

Carmine

Chloral Hydrate

Diastase

Hexamine

Lysol

Male Fern Extract

Methyl Sulphonal

Pancreatin

Phenolphthalein

Phenacetin

Quinine Salts

Saffron

Salol

Sugar of Milk

Sulphonal

Salicylates

Thymol

Yohimbin

Acid Phenyl Ethyl Barbituric, etc., etc.

## ESSENTIAL OILS

## NATURAL FLOWER PRODUCTS

## COMPOUNDS, CHLOROPHYL

## PURE FOOD GELATINES

## Special MEDICAL PREPARATIONS include:

Angiolympe (*Dr. Rous*)Asthmolysin (*Dr. Weiss*)Bilival (*Ingelheim*)Cadechol (*Ingelheim*)Chinosol (*Original*)Devatol-A (*Veterinary*)Kathiolan (*Marcussen*)Lobelin (*Ingelheim*)Lysol (*Dega Brand*)Necaron (*Ingelheim*)Nivea Creme (*Beiersdorf*)Nivea Soap (*Beiersdorf*)

Pagenstecher's Eye Lotion

Papain (*Dega Brand*)Pebeco (*Beiersdorf*)Pericholan (*Ingelheim*)Posterisan (*Dr. Kade*)

Subitol

Subitine

Terpichin (*Oestreicher*)

Ultraferran (Brand) Colloidal Iron Tablets



# VEINOTROPE

**RADICAL TREATMENT of DISEASES  
of the VEINS and their COMPLICATIONS**

**In Tablets—**

**Formula M - For Men**

**Formula F - For Women**

**Varicose veins, hæmorrhoids, phlebitis,  
venous congestion at the meno-  
pause and disorders of menstruation**

**A synergic medication based on organothera-  
peutic extracts irradiated with ultra-violet rays**

**CONTINENTAL LABORATORIES, LTD.**

**30 Marsham Street, London, S.W.1**

*"Taxolabs, Sowest, London."*

*Victoria 2041.*

## SUMMER BRINGS STILL MORE SALES!

Women everywhere will use Snowfire Glycerine Jelly all the year round to make their hands soft and white. They will use more Snowfire Glycerine Jelly in summer as a sure protection against the sun and to soothe and cool skin that has already been sunburnt. Make special displays and remind your customers to take a tube or two on their holidays.

**Snowfire**  
GLYCERINE JELLY (*vanishing*)

**SNOWFIRE TABLET and SOFT SNOWFIRE**  
are always sure of a brisk demand for use at night.

Made by F. W. Hampshire & Co. Ltd., Sunnydale, Derby.

Agents: Canada—  
Wilfred Noble & Co., 208  
Victoria Street, Toronto.

Australia—  
Messrs. Salmond & Spraggon  
(Australia) Ltd., 218 Kent St.,  
Sydney, N.S.W.

## CHEMISTS

If you do not stock the **NATIONALLY  
ADVERTISED** line

## CONSTIPON

we shall send you a small supply with all  
advertising matter on

## SALE OR RETURN

CONSTIPON

GLASGOW, C.2.



**G. E. THURLEY & SON**

*Specialists in Liquid Paraffin*

**UNITY WORKS, LATIMER ROAD, LONDON, E.7**

Telephone: Maryland 4686





*We have had more than  
60 YEARS'  
experience in the manufacture  
of  
BISMUTH SALTS.*

**Thomas Morson & Son Ltd**

*Fine Chemical Manufacturers*

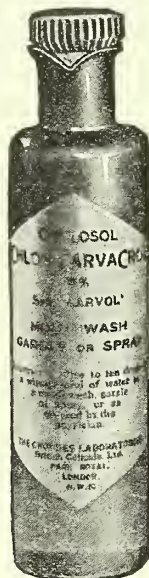
47 GRAYS INN ROAD  
LONDON, W.C.1

Telephone Holborn 6701-23



# COLLOSOL CHLOR-CARVACROL

Synonym "KARVOL"

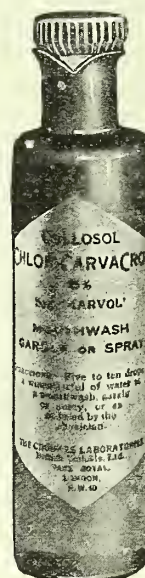


"Karvol" is a new Collosol preparation for use as a mouth wash, gargle or spray in the treatment of septic infections.

"Karvol" is a substance similar to thymol but with a very much higher carbolic acid co-efficient.

"Karvol" is economical in use, and is supplied in 1-oz. lipped vials retailing at 2/6, subject to the usual trade discounts.

"Karvol" is the subject of extensive medical propaganda, and all dispensing pharmacies should obtain stocks immediately.



THE CROOKES LABORATORIES  
(BRITISH COLLOIDS LTD.)

PARK ROYAL, LONDON, N.W.10

Telephone—  
Willesden 6313 (3 lines)

Telegrams—  
"Collosols, Harles, London."

## NIGROIDS for the Throat and Voice

Registered Trade Mark.

Sold in tins 4½d. and 1/6 each.

WHOLESALE TERMS ON APPLICATION

Sole Makers: **FERRIS & CO. LIMITED, BRISTOL**

### DUTCH DROPS

The Original HAARLEM OIL

Also in Capsule Form.

We are Sole Distributing Agents for the British Isles, British Colonies, Scandinavian Countries, Spain and South America.

**BROOK, PARKER & CO., LTD., BRADFORD**

*Clas Velly*



### CACHETS "FINOT"

(White or Coloured)

With inscriptions in any desired tint; also Plain or Embossed.  
"A distinction all their own."—C. & D.  
"Perfection of Cachets."—Lancet.

These Cachets are especially adapted for Headache, Neuralgia and other powders.

COOPER SON & CO. LTD., 80 Gloucester Road, SOUTH KENSINGTON.  
In 17 Sizes to fit the various types of Cachet Machines.

## Antiphlogistine

Brand Dressing

HUMAN & VETERINARY

Write for Special Quantity Terms

The Denver Chemical Mfg. Co., London, E.3





# *An attractive line!*

A line of Malt and Cod Liver Oil with Chemical Food the whole of which is Cherry Flavoured, one that will appeal to all those who cannot assimilate ordinary Malt and Oil owing to its taste. The Cherry Flavouring completely disguises this and makes it very pleasant to take; thus your field of sales is greatly widened. The quality of this preparation is of the highest, the price is right, the jars attractively labelled and a showcard, in keeping with the labels, is given with each order of 3 doz. 1-lb. or equivalent. This is a most attractive line that cannot fail to bring you good business with growing repeats.

Prices: 1-lb. jars 9/6d.; 2-lb. jars 17/- per doz.

Purchases of this line will be included in contracts qualifying for Annual Discount

• **SEND YOUR ORDER NOW!** You cannot afford to let your competitor have these new customers entirely to himself.

## **A. de St. DALMAS & Co. Ltd** **LEICESTER**

ALSO AT

**DUBLIN, LONDON, LEEDS & BRADFORD**

TELEPHONE: LEICESTER 58246 | TELEGRAMS: ST DALMAS LEICESTER



**MAKE A SHOW LIKE THIS...****AND MAKE BONUS PROFITS**

Our display cartons and showcards are very striking, and will prove themselves powerful "silent salesmen."

**BUY ON BONUS TERMS!****ALLCOCK brand POROUS PLASTERS**

**75% on COST** 7/6 profit on 10/- outlay. Cost 10/- per dozen, 14 to the dozen. Retail 1/3 each.

**ALLCOCK brand CORN PLASTERS**

**50-160% on COST** 6/9 to 19/3 profit on 12/- outlay. Cost 12/- per dozen, 15 boxes to the dozen. Retail 1/3 per box of 10 Plasters or 2½d. each.

**Allcock Manufacturing Co., Birkenhead**

**MEL ROSE—  
NEW CENTURY CREAM**

With all the Mel Rose curative properties, also an effective remedy for Sunburn troubles (sore skin, blistering, etc.), quickly restoring skin to normal condition. A little used prior to exposure to the sun, eliminates all the usual discomfort. Sold in tubes of convenient size and shape for the handbag. - - Price **6d. & 10½d.**

**MEL ROSE—  
CREAM**

Sold in jars for the dressing table. Contains all the remedial properties of the tablet made up in softer form **9d.**

**MEL ROSE—  
TABLETS**

There is a demand for this product during the summer for keeping the skin in good condition **2d. & 4½d.**

**FOR YEAR ROUND SALES  
STOCK MEL ROSE PRODUCTS.**

**ROBERTS & SHEPPEY** Sole Manufacturers  
2 SKIPTON STREET, LONDON, S.E.1

**SEASICKNESS  
IS POSITIVELY PREVENTED BY  
SEAJOY PLASTER**

REGD.

Seajoy Plasters are commanding an ever-increasing demand on account of their efficacy in preventing **all forms of Travel Sickness.**

A Profitable and Quick Seller.

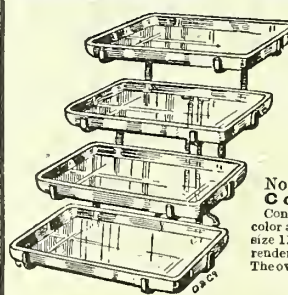
Retail Price 3/- Wholesale 24/- per dozen.

**DISPLAY BOXES.**

From all Wholesale Agents or direct from

**The "SEAJOY" CO., Putney, S.W.15.**

Telephone - - PUTNEY 0414

**THE IDEAL  
Counter Display  
STAND—for  
TOOTH BRUSHES,  
NAIL BRUSHES,  
SOAPS, Etc.**

No. C.D.F. 2851 Very attractive Counter Display Stand. Constructed of mild steel finished Silver color and complete with four clear glass trays size 11½ x 7 x 1 in. Each tray is slightly sloped rendering the goods easy to see and select from. The overall height is 16½", width 12", B.to F. 15"

25/- each complete

Send for our List No. C.D. 1260

**DUDLEY & COMPANY, LIMITED**  
457 HOLLOWAY ROAD, LONDON, N.7  
City Showrooms: 65-66 FIVE STREET, E.C.2



# 38% PROFIT ON BEECHAM'S PILLS & POWDERS



Many Chemists and Druggists are now reaping the benefits of a 38% profit on cost on Beecham's Pills and Powders. The reason for this is that recently we introduced a

## £2 PARCEL

for either Beecham's Pills or Beecham's Powders or assorted Beecham's Pills and Beecham's Powders. The £2 parcels can be obtained direct or through your usual wholesaler and carry a 2½% cash discount together with a further 5% discount for window display, carriage paid—packing free—monthly account.

**STOCK MORE—  
SHOW MORE—  
SELL MORE  
BEECHAM'S  
PILLS and  
BEECHAM'S  
POWDERS**

## ADVERTISING

Strong, virile and forceful advertisements comprising an extensive and continuous advertising campaign are appearing daily in the most important papers throughout the country. Every day they are helping you to sell more of our products and ensure a constant daily demand. House-to-house distributions augment the Press advertising throughout the British Isles, and show material is available for use in your shop or window, or on your counter.

Keep yourself well supplied with Beecham's Pills and Powders and reap the benefits to be derived from these fast moving lines.

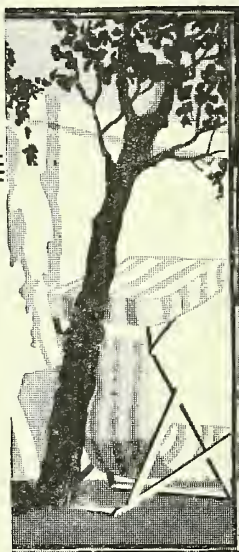
**BEECHAMS PILLS LTD  
ST. HELENS. LANCs.**

Tel. 2241 St. Helens.

Telg. Beecham St. Helens.





**SUMMER****SALES**

**HEADACHES, CHILLS, COLDS, etc.,** caused by excessive heat, over exertion at Sport, or close confinement in stuffy offices ensures a steady demand for **EXPRESS POWDERS** throughout the Summer months. And now that the Holiday season is on us, **HEADACHES** caused by travelling or change of air will see the demand for **EXPRESS POWDERS** appreciably increase. **Now** is the time to replenish your stock of this remunerative line . . . . .

London Distributors :—

**MAY, ROBERTS & CO., LTD.,**  
7-13 Clerkenwell Road, E.C.1

**SANGER & SONS,**  
42a Hampstead Road, London, N.W.1

**BUTLER & CRISPE,**  
80/83 Clerkenwell Road, E.C.1

**READ'S**  
**EXPRESS**  
**POWDERS**

**1/3**  
PER BOX  
**2d**  
PER POWDER

**READE BROTHERS & CO., LTD.**

**WOLVERHAMPTON**

**SHEN WORKS**  
**TOWER BRIDGE RD.**  
**LONDON - S.E.1**

**ROBERT**  
**BLACKIE**

*Wholesale*  
*Manufacturing Chemist*

Telephone : HOP 2422  
(Two Lines)

Telegrams :  
"USHENSPUNA,  
LONDON."

*Now in demand*

**BITE & STING LOTION**

**COMPOUND**

**LAVENDER OIL**

**TWO DRAM BOTTLES**

**Retailing at a Popular Price.**

**SUNBURN LOTION**

**Salines, Citrate and**

**"SPUN"**

**CREAMS and OINTMENTS**

*Elegant Packs which Sell at Sight in all sizes.*



# Your Big Opportunity

**New Advertising**  
**New Demand**  
**New Terms**  
**New and Bigger**  
**Profits to You**

The new and extended advertising campaign for Iron Jelloids is now in full swing. Always a steady seller, the consistent, persistent and vigorously persuasive advertising is forcing up a new demand. Stocks are moving rapidly.

Take full advantage of this big opportunity to secure a maximum share in the growing business. Link up with this new Iron Jelloid sales drive. Just a few moments spent to check up your stock and write us for window display material, will be time well spent.

Attractive terms are still given for window and counter display. If you have not received your copy of the new trade terms, write to-day for details.

## Iron Jelloids

THE IRON JELLOID CO., LTD., NEW AND ENLARGED LABORATORIES, WATFORD

### PETROLEUM JELLIES

WHITE, LEMON, YELLOW, AMBER, RED, GREEN.

### WHITE & COLOURED OILS

YELLOW, GREEN, RED FOR BRILLIANTINE, etc.

### LIQUID PARAFFIN

COLOURLESS, TASTELESS, ODOURLESS.  
ALL SPECIFIC GRAVITIES.

B.P. AND TECHNICAL QUALITIES

*Wholesale Trade only.*

### STERNS LTD.

Royal London House, Finsbury Sq., London, England

Telegrams: "CENTUMVIR, TELEW, LONDON."





# BIG SUMMER ADVERTISING PUSH

FOR  
**'ASPRO'**  
OVER 300  
NEWSPAPERS  
ENGAGED



A TYPICAL 'ASPRO' WINDOW DISPLAY

Now is the time to put in your 'ASPRO' window displays. Our big summer advertising push for 'ASPRO' is on and over 300 newspapers are being used to broadcast 'ASPRO' healing message for sun glare headaches—hot weather sleeplessness—irritability—summer chills and ills and numerous other complaints for which 'ASPRO' has proved so valuable. Chemists at seaside resorts can obtain maximum sales of 'ASPRO' by showing 'ASPRO' window material continuously through the summer to connect up with the campaign.



THESE ARE OUR CHEMISTS'  
ADVERTISING BAGS  
AND ENVELOPES



Greaseproof  
2 oz. Bags.

**HAVE YOU OBTAINED A SUPPLY?**

Kristal  
Envelopes.

We have improved on our Kristal envelopes and greaseproof 2 oz. bags. Have you purchased your stocks yet? Specimens of the latest designs are enclosed in 'ASPRO' show boxes from time to time. We will send you specimens on request. You will be delighted. They save you money on your bags and at the same time create a demand for 'ASPRO'. Prices are

**Kristal Envelopes - 2/6 per thousand**

**Greaseproof 2 oz. Bags - 1/- per thousand**

AN ADDITIONAL CHARGE OF 2/6 PER THOUSAND IS MADE FOR KRISTAL ENVELOPES BEARING YOUR OWN NAME AND ADDRESS.

Do not forget too, to buy 'ASPRO' on bonus terms so that you will make the maximum profit.

'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Agents: GOLLIN & CO. PTY. LTD. ('Aspro' Dept.), SLOUGH, BUCKS.  
Telephone: SLOUGH 608

No proprietary right is claimed in the method of manufacture or the formula.

**'ASPRO'**  
REG. TRADE MARK

Made by ASPRO LTD.,  
SLOUGH, ENGLAND.



No business is  
earning all it  
might if it does  
not stock the



# VENO PRODUCTS

GOOD PROFITS  
QUICK SALES  
PROMPT  
DELIVERY  
IN FREE  
PACKAGES

*carriage paid home*

Write for terms  
and display  
material

to

DR. Cassell Tablets, Germolene Ointment and Venol Cough Cure justly claim to be amongst the best sellers in the trade. This is no idle boast. Figures prove it. Therefore, if you exclude these lines from the goods you carry, you are passing over valuable profits! Let us have your order to-day if stocks are low.

## DR. CASSELL *Brand* TABLETS

A good product, at the right price, well advertised, explains the success of this tonic. See that you have sufficient stocks.

## GERMOLENE *Brand* OINTMENT

No smarting, no pain of any kind when this ointment is applied. "Soothes at a touch," heals rapidly.

## VENO lightning COUGH CURE

Venol Lightning Cough Cure is universally praised. You must stock it—coughs and colds are always about whatever the weather.

**VENO DRUG CO. (1925) LTD.**  
**CHESTER ROAD, MANCHESTER**

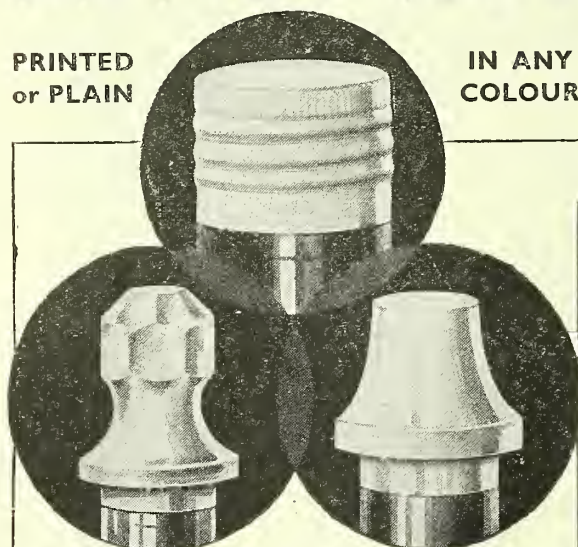


# VISKAP

SELF-FIXING  
BOTTLE CAPS

PRINTED  
or PLAIN

IN ANY  
COLOUR



## PROTECTION

first, last and all the time is definitely assured when your product is sealed with a Viskap. Place a wet Viskap in position—let it dry—seals as it shrinks. Perfectly hygienic. Entirely British.

ALSO

# VISCOID

## MOULDINGS

OF ALL DESCRIPTIONS

FROM

## Bakelite & Similar Materials

*Send us your enquiries.*

We have a reputation of many years of service and quality to keep up and are anxious to help you.

**LET US ADVISE AND QUOTE YOU**

**VISCOSE DEVELOPMENT CO., LTD.**  
WOLDHAM ROAD, BROMLEY, KENT

Telephone : Ravensbourne 4561

# Corks

OF EVERY  
DESCRIPTION

*Send us your Enquiries,  
and compare our prices.*

WHOLESALE & EXPORT.

**C. OLLEY & SONS, LTD.**

ESTABLISHED 1844.

Camperdown St., and Gt. Alie St., London, E.1.  
Tel. No. : Royal 2868. Tel. Add. : "Circumference. All, London."

## METALLIC CAPSULES

for all purposes.

**The Tonkin Metallic Capsule Co.**

Proprietors - C. Olley & Sons, Ltd.



Order from : There is no shadow of doubt about the Supreme excellence of the "Town Talk" Impregnated Silver Plate Cloth.

JAMES WOOLLEY, Sons & Co. USED by Silversmiths to preserve the beauty of their own wares, it is SOLD by the leading hardware Stores in the country and is ASKED for by housewives everywhere.

AYRTON, SAUNDERS & Co., Ltd. It has no rival for cleaning Gold, Silver and Electro Plate and is advertised continuously in the National Daily Newspapers and Women's Journals.

BROOKS & WARBURTON, Ltd. Stockists don't have to SELL "Town Talk"—they are asked for it.

GOODALL, BACKHOUSE & Co., Leeds Link up with our energetic Sales Service.

or direct from the sole makers.

Terms and samples from :—

**TOWN TALK POLISH CO., MANCHESTER**



## Nature's Cure is the best



Fresh evidence is constantly forthcoming that the synthetic vitamin products which purport to take the place of the natural vitamins of Cod Liver Oil are not only inferior but may even be injurious in their action.

It has, in fact, proved impossible to manufacture any effective substitute for Cod Liver Oil, nature's own medicine, which is so rich in the valuable vitamins A and D in the right mutual proportions.

Every barrel of the world-famed Norwegian Cod Liver Oil is exported under the supervision of the Norwegian State.

A TEASPOONFUL OF  
NORWEGIAN COD  
LIVER OIL CONTAINS  
MORE VITAMINS THAN



ALL THE BUTTER AND  
MILK ANY INDIVIDUAL  
CAN EAT AND  
DRINK IN A DAY



## Norwegian Cod Liver Oil

National Committee for Promoting the Consumption of Norwegian Cod Liver Oil, Post Box 226, Bergen, Norway.

2

USE

# Sidac

INSOLUBLE

## TRANSPARENT PAPER

WHITE, COLOURED, EMBOSSED, PRINTED

*The Ideal Wrapping for Perfumery  
Soaps, Toilet Goods, &c.*

EITHER COLOURLESS OR COLOURED TO HARMONISE  
WITH GOODS. BAGS OF ALL SIZES AND SHAPES TO ORDER

*Samples and Competitive Price from*

**SIDAC SILVERINE COMPANY**

**208/210 Tower Bridge Rd., London, S.E.1**

Phone Nos.: Hop 3422, 3423. Telegrams: "Sidacko, Berm, London."



## FINANCE ACT, 1932

IMPORTANT  
ANNOUNCEMENT  
ON BEHALF OF**VIGGORMALT**

## VIGGORMALT

will remain as heretofore  
A HIGHLY CONCENTRATED  
UNFERMENTED PURE EXTRACT OF  
**MALT AND HOPS ONLY***(No Adulteration or Added Colouring)*

For making

A PERFECT TONIC BEVERAGE

**FREE YEAST**  
**with each tin**

AT AN AMAZINGLY LOW COST

## NO

Crates  
Bottles  
Breakages  
Ullages  
Stock Complica-  
tion Losses

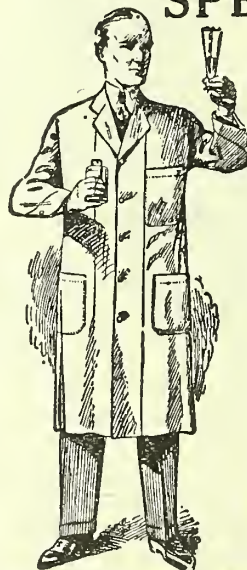
## NO

Milling  
Mashing  
Boiling  
Filtering  
or  
Disappointment

A New Pack will be in circulation in good time to assure effective and complete substitution by the 30th September next, the period of grace allowed under the Act for disposal of present stocks.

Some slight modification of VIGGORMALT Showcards, Leaflets Window Bills, etc., is considered necessary and a supply of a new edition will be sent to all Dealers in early course.

The Trade will be invited to exchange all unsold stock for the new pack, as soon as ready, by the

Viggormalt Distributors—  
FASSETT & JOHNSON, LTD.  
85 Clerkenwell Road,  
LONDON, E.C.1.or by  
VIGGORMALT, LIMITED,  
Davigdor Road, HOVE, Sussex.**MASON'S  
EXTRACT  
OF  
HERBS**May we have the pleasure of  
sending you particulars of our  
Window Display Scheme?**NEWBALL & MASON**  
LIMITED  
NOTTINGHAM**OVERALL  
SPECIALISTS**

WHITE DRILL JACKETS  
4/6, 5/11, 7/11  
KHAKI DRILL JACKETS  
8/6, 10/6  
BLACK or GREY JACKETS  
8/6, 12/6  
FULL LENGTH COATS,  
WHITE  
5/11, 7/6, 9/6, 11/6, 12/6  
FULL LENGTH COATS,  
KHAKI  
5/11, 6/11, 8/6, 9/6, 11/6  
FULL LENGTH COATS,  
GREY 7/6, 9/6, 11/6  
FULL LENGTH COATS,  
BLACK 14/6  
DENTISTS' COATS,  
WHITE, STANDCOLLAR,  
BUTTON on SHOULDER  
12/6, 14/6, 16/6  
SURGEONS' "OPERAT-  
ING" COATS, WHITE  
12/6, 14/6

Jackets and Coats of very superior  
quality. Made from most reliable  
materials. Stock sizes 34 to 44 chest.  
Special prices for large quantities.  
Postage on single garment, 6d.  
Orders for 20/- Post Free.

Telephone : Bishopsgate 6751.

**GARDINER**  
& CO. (The Scotch House), LTD.  
1, 3, 5 Commercial Road, ALDGATE, E.1



# FACTS

YOU CAN TELL  
YOUR CUSTOMERS  
ABOUT LACTOGEN



## Why LACTOGEN is so easily digested

Lactogen is very easily digested by even the most delicate Baby, because the special Lactogen emulsifying process breaks up the large fat globules natural to liquid cow's milk, into very finely-divided and widely-dispersed form. The curd formed by Lactogen is very fine and flocculent, just like breast milk; having been modified by the Lactogen process. The condition of both the fat and the curd in Lactogen promotes easier and quicker digestion.

The demand for Lactogen is growing every day. Doctors, Chemists and Nurses all over the country recognise its genuine merit and recommend it enthusiastically. Babies thrive on it—therefore Mothers praise it, buy it, and tell their friends about it.

“**LACTOGEN**”  
REGD. TRADE MARK  
BETTER MILK FOR BABIES

Copyright

*Lactogen—prepared by Nestlé's—is a modified dried milk for use in infant feeding.*

**2'9 PER  
TIN P.A.T.A.**

*Send to-day for full particulars and terms to the Lactogen Bureau (Dept. AZ54A Nestlé and Anglo-Swiss Condensed Milk Co., 6 & 8 Eastcheap, London, E.C.3*



Awarded Certificate by  
The Institute of Hygiene  
for Purity—Quality—Merit

# LOCARNO

## MEDICATED TOILET ROLL

Costs 3<sup>d</sup>



BRITISH  
MADE

Sells 6<sup>d</sup>

Sales  
restricted  
to Chemists

You are sure of  
repeat orders  
by selling the  
"LOCARNO"

Contains 650 sheets of pure  
white Sulphite Paper.  
Free delivery. Packed in cartons  
Free Sample Roll on application  
Each Roll 12 oz.

Sole Manufacturers:  
**J. RUTHERFORD & Co. L<sup>d</sup>**  
VICTORIA PAPER MILLS  
VICTORIA RD. HOLLOWAY, LONDON, N.7

CONTRACTORS TO H.M. GOVERNMENT

"MOSANS"

Non-Greasy, Odourless

## QUININE PESSARIES



15/-  
per dozen  
boxes  
RETAIL  
3/6

ORDER THROUGH ANY WHOLEALER.

Avoid Imitations and see the No. 332117 on each box.

We supply no one but Chemists and Druggists with  
"SAFEGUARD" Rubber Goods  
They are of Highest Quality and Packed Hygienically.

Samples and Prices on application.

**BURGE, WARREN & RIDGLEY, LTD.**

91/92 GREAT SAFFRON HILL, E.C.1

Phone: Holborn 0050. Telegrams: Drugsund, Smith, London.

## CHEMISTS' FITTINGS

### OF EVERY DESCRIPTION.

### NEW AND SECONDHAND.

F. MAUND & E. BERG (SHOWCASES) LTD.,  
175/9 and 336 OLD STREET, LONDON, E.C.1

## SANITARY TOWELS

made  
by

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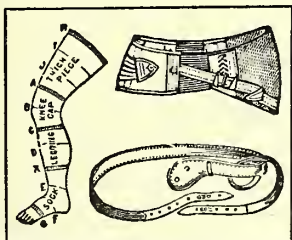
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As printers for chemists for over a century, we have had ample opportunity of studying the chemist's selling problems, and we have used the knowledge thus gained for YOUR benefit. So send for this folder NOW—before you forget about it—and find out all about this advertising scheme.

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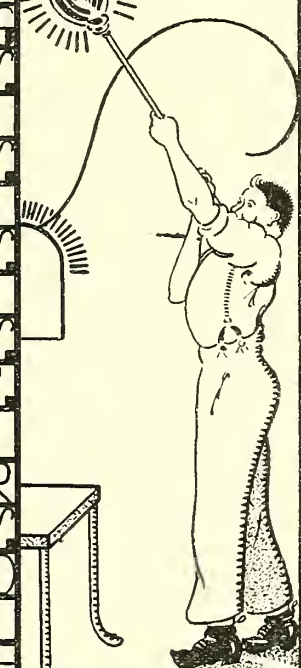
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Analgesic, Antipyretic,  
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**"ELIXIR BROMO-VALERIAN CO"**

Useful for functional nervous  
affections, particularly in con-  
trolling epileptic seizures.

Price 5/- per lb.



# THE CHEMIST AND DRUGGIST

28 ESSEX ST.  
LONDON, W.C.2

## SUPPLEMENT

JULY 16, 1932.

*This Supplement is inserted in every copy of The Chemist & Druggist.*

### THE CHEMIST AND DRUGGIST SUPPLEMENT

#### ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

**BUSINESSES WANTED** and for **DISPOSAL**, **PREMISES TO LET**, **PREMISES WANTED**, **PARTNERSHIPS**, **GOODS for SALE** and **AGENCIES**—6/- for 50 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)  
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ESTABLISHED 1846

Telephone No.: CITY 2233

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1.—LONDON, S.W.—Medium-class Cash Retail Business with Kodak Agency and N.H.I.; in present hands over 25 years; returns approximately £5,000 per annum; new lease at £300 per annum; price £2,750. Further details at personal interview only.

2.—FOREST GATE (Near).—Cash Retail Business with Kodak Agency; old established; returns last year, under management, £2,414; gross profit over 35 per cent.; rent £65; long lease; price £1,250; genuine reason for sale.

3.—MIDDLESEX SUBURB.—Good-class Retail and Dispensing Business with Kodak Agency; established 20 years; returns for year ended 1932, £5,304; long lease at nominal rental; excellent fixtures and good clean stock; price £2,000, including book debts.

4.—EALING.—Middle-class Cash Retail Business, run under management; returns about £1,650 per annum; main road position; living accommodation; rent £110; price for quick sale £700.

5.—CITY BUSINESS.—Death vacancy: Cash Retail Business; returns last year, under management, £3,943; gross profit £1,543, chartered accountants' figures; price £2,250.

6.—CRANBROOK PARK, ILFORD.—Good-class Retail Business, with Photographic, situate in commanding position; returns present rate £33-£37 per week, increasing; small amount of N.H.I. Dispensing; run under management; handsomely fitted lock-up shop, very well stocked; first reasonable offer obtains, part payment entertained; reason for sale, dissolving of partnership.

7.—MANOR PARK.—General Retail and Dispensing Business; returns about £1,200 per annum; net profit 25 per cent.; lock-up shop; rent £1 per week, including rates and gas; valuation terms entertained.

8.—EAST COAST.—Good medium-class Cash Retail Business, with N.H.I. (about £60 yearly); returns exceed £3,000 per annum; good profits; scope for increase; corner shop, well fitted and very well stocked; very nice living accommodation;

rent £110; one room sub-let at £20 per annum; lease has about 38 years unexpired; price £2,250, or valuation terms entertained.

9.—SOUTHERN CITY.—Good-class Retail Business, with Kodak Agency; returns exceed £2,500 per annum; gross profit £1,000; double-fronted shop, very well fitted and fully stocked; splendid living accommodation; rent £160; long lease; price £400 for lease and goodwill, plus stock and fixtures at valuation.

10.—WESTCLIFF-ON-SEA.—General Retail Business, with Kodak Agency; established 11 years; returns last year £1,623; net profit £405; double-fronted shop; rent £55 per annum; sub-let £52; price £675.

11.—SUTTON (Near).—Middle-class Cash Retail Business; N.H.I. recently started; returns approximately £1,500 per annum; double-fronted shop, well fitted and fully stocked; rent, which is repayment of mortgage, about £10 per month; sub-let 7s. 6d. per week; nearest opposition 10 minutes' walk; open to offers.

12.—IPSWICH (Near).—Old-established Business; returns now approach £50 weekly; old-fashioned shop, well stocked; large house; new lease will be granted; genuine reason for disposal; price £1,750.

13.—CARMARTHENSHIRE.—Country Retail Business, with Agricultural connection, and small amount of Optical; in same hands 48 years; return last year about £2,800; of this sum £200 was from Optical; there is scope for considerable increase under energetic management; double-fronted corner shop; good fixtures and heavy stock; accommodation comprises 13 rooms; vendor owns property and would grant a lease at £125 per annum; valuation terms entertained.

14.—GLOUCESTERSHIRE.—Good-class Retail and Dispensing Business; 5,000 private prescriptions per annum; returns last year £1,960; net profit £400; double-fronted shop, well fitted and stocked; rent £85; new lease; price £1,250, or near offer;

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PHONE TERMINUS 3574	ESTABLISHED 1870
<b>Chemists, Valuers and Transfer Agents</b>	

1.—SOUTH-EAST COAST.—Good-class Family and Dispensing Business, in best residential part; returns last year £1,850; no near opposition and plenty of scope in energetic hands; handsomely-fitted pharmacy, with large house; long lease; price £1,500, or offer.

2.—NORTH MIDLANDS (Market Town).—Sound Light Country Business; in same hands many years; returns under manager £1,546; books audited; rent £48; property can be purchased; stock and fixtures worth over £600; price £750.

3.—WESTCLIFF-ON-SEA.—Good-class Business for immediate sale; turnover over £1,600, increasing; easily worked; rent £55, on lease; sublet £52; thickly populated district; no near opposition; genuine private reasons for selling; price £675; only requires seeing.

4.—GLOUCE.—Good-class Retail, Dispensing and Photographic Business; returns approximately £2,000, increasing each year; modern pharmacy and house; own property; will sell or grant lease. Further details on application.

5.—ESSEX COAST (Near).—Well-established Chemist's Business, with good Photographic connection, in popular yachting centre; returns £2,150; books audited; low rent on lease; fully stocked; price £1,450.

6.—DEVON (Seaport Town).—Light Cash Retail, in thickly populated district; returns last year £1,039; good profits; scope for increase; illness compels sale; price £460, or first reasonable offer.

7.—YORKS.—Old-established Retail with valuable Proprietary and Wine Licence; under management; plenty of scope; returns average about £5,000; prominent position; price £3,050.

8.—LONDON, N.W. (Few Miles Out).—Good-class Family and Dispensing Business in most desirable residential district; returns average £3,450; books audited; attractive double-fronted shop, fully stocked; price £2,250, or offer; worth attention.

9.—NORTH LONDON (Good Residential Suburb).—Well-established good-class Business, pleasantly situated; returns last year over £2,100, under management; scope for increase; handsomely-fitted pharmacy, with house attached; long lease; valuation terms arranged, about £1,500; personally recommended.

10.—LONDON, E.C.—Old-established good-class City Pharmacy, close to busy station; returns just under £4,000 ending April last; audited figures; gross profit 40 per cent.; well fitted and stocked; price £2,250.

11.—LONDON, S.W.—Good middle-class Suburban Business; returns over £2,000; net profit £450; rent £80; long lease; house attached; owner, having other business, will accept first reasonable offer.

12.—SURREY.—Good-class Light Retail in rapidly growing district; present returns £25 weekly; plenty of scope; modern freehold premises for sale with business; every convenience; price £2,500; £1,250 can remain on mortgage.

13.—LONDON, S.E.—Light Suburban Retail, in main road position; returns £1,400, with ample scope for increase; attractive shop, with flat over; owner retiring; price, simply valuation of stock and fixtures, about £450.

14.—WEST MIDDLESEX.—Sound Light Cash Retail; in same hands many years; retiring; returns £1,569 last year; gross profits £615; main road position; stock worth £500; price £800.

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We have genuine cash buyers requiring businesses in all parts, and particularly for the following Midlands and Northern Counties, showing net profit £1,000 upwards, capital up to £4,000 waiting: **London, Southern or Home Counties.** Good class business, returns £4,000 upwards, must stand 2 assistants, ample capital for right business. **Devon, Cornwall or S. West Counties.** Coast or inland. Turnover about £3,000. House preferred, not essential, capital available up to £2,500. Correspondence cordially invited, which will be treated in the strictest confidence.

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(C2) LONDON, W.—Splendid opportunity for pharmacist optician; good family and dispensing business, well situated for doctors, nurses, etc.; turnover, three years' average, about £2,000, somewhat less now; the shop is double-fronted, there is also an optical room with separate entrance and show window; rent, £200 per annum, inclusive of rates; lease 25 years; the optical department could be let separately at 25s. or more per week.

(C3) LONDON (NORTH).—Business doing £25 weekly and increasing; N.H.I. last year over £100; optics, £66; lease 18 years to run; good living accommodation (could be sub-let); the stock is approximately £300; fittings £400, and £400 is asked for goodwill and lease; for quick sale £1,000 would be accepted.

(C4) KENT COAST.—Good family business situated in a main shopping street (no Company opposition); average returns £4,000; net profits, £950; rent, including rates, £120; no living accommodation, but attractive house available; price £2,250, or near offer. (This business has been visited and is recommended.)

(C5) GLOUCESTERSHIRE.—Good dispensing and general retail pharmacy with optical connection, for which there is particularly good scope for further development; returns for 1931 approximately £1,950, which was an increase over the previous trading year; good living accommodation; lease and rental by arrangement; further particulars in confidence to bona fide prospective purchasers. (Awaiting visit.)

(C6) LEICESTER.—Old-established pharmacy, with living accommodation, well situated in busy shopping thoroughfare of good class suburban district; present returns upwards of £40 weekly; rent and lease by arrangement, in accordance with purchaser's requirements; good toilet and photographic trade; purchase price, goodwill £300, stock and fixtures at valuation or by agreement. (Awaiting visit.)

(C7) NORTH WORCESTERSHIRE.—Old-established business, with optical connection, showing net profits upwards of £600 per annum; modern premises with self-contained flat; little booking; good N.H.I.; to a genuine purchaser with satisfactory references, the

owner would be prepared to consider allowing part of the purchase price to remain over for a reasonable period on terms to be agreed upon. (Visited and recommended.)

(C8) NORTH WALES.—Pharmacy well situated in prominent seaside resort, showing returns of approximately £40 weekly; should be capable of further increase; good reasons for disposing; purchase price, £1,150, including stock and fixtures estimated at £900. (Awaiting visit.)

(C9) CUMBERLAND (town business).—Good retail business with extensive sales in toilet and photographic lines; average turnover approximately £1,800 per annum, with excellent scope for further increase; premises well situated; purchase price £1,050. (Awaiting visit.)

(C10) Lincs.—Good retail business with excellent scope for optics; present returns approximately £42 weekly; full wine licence; living accommodation, at present used for storage purposes; a lease for any term will be granted at a rental of £130 per annum, or property could be purchased; further particulars in strict confidence to genuine bona fide applicants. (Visited and recommended.)

(C11) YORKSHIRE (POPULAR SEASIDE RESORT).—Established business, excellently situated in main thoroughfare; good living accommodation; during recent years the business has been neglected, and the present returns average £35—£40 weekly (have been £60); a lease would be granted at an agreed rental, or property could be purchased outright; accountant's figures available to support returns, etc.; further particulars will be forwarded in confidence to genuine prospective purchasers. (Visited and recommended.)

(C12) SOUTHEAST (NEAR).—Pharmacy with living accommodation and garage for disposal owing to genuine family circumstances; returns for last financial year upwards of £1,600 (turnover being maintained during 1932); rent, £55 per annum; purchase price for quick sale, £700 or near offer. (Awaiting visit.)

(C13) NORTH MIDLANDS.—Imposing and exceedingly attractive pharmacy with optical connection, occupying leading position in centre of small market town; average returns approximately £40 weekly, with good scope for substantial increase; moderate rental; long lease; well stocked and fitted. (Visited and recommended.)

(C14) BERKSHIRE (SMALL COUNTRY TOWN).—Pharmacy with lending library attached; well situated and of attractive appearance; present turnover approximately £20 weekly; good living accommodation; rent, £85 on long lease; purchase price, £800; offers considered. (Awaiting visit.)

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**BRIGHTON.**—£700 inclusive; net profit over £270; audited accounts; turnover steadily increasing; great scope; modern, attractive double-fronted shop; busy main road, centre of town; nearest to very large residential neighbourhood; unopposed; Kodak Agency; position such that takings should quickly increase in competent hands; stock and mahogany fixtures orth £600. 234/10, Office of this Paper.

**FIFE COAST RESORT.**—Chemist Business for Sale (lock-up shop) in rapidly growing district; Kodak and Ensign Agency; turnover average £600 yearly, excluding N.H.I.; scope for increase; low rent and rates; good reasons for disposal; cash price £350, complete. Apply 232/25, Office of this Paper.

**FYLDE DISTRICT.**—Unique opportunity for chemist to secure Pharmacy, recently established, in growing district; Kodak; modern house (9 rooms); returns increasing; man with capital can soon double; price, all in, £675 (£650 quick transfer); low rates; secure now, season commencing; opening Optics, etc.; house suitable season letting; property rent or sell; sale preferred, on mortgage. No triflers, please. 232/10, Office of this Paper.

**HERTS.**—Old-established Chemist's Business for Sale; excellent freehold corner premises in market town; suitable for extension; good living accommodation; average turnover for last three years over £2,800. 206/395, Office of this Paper.

**LIVERPOOL.**—City Business (off Church Street); turnover £1,400 to £1,500; now under management; proprietor, pharmacist, would increase; good-class Retail; ornately fitted pharmacy; hours 9 to 7 p.m.; no Sunday duty; long lease still unexpired; rental £160; upper floors let off to the Bon Marche Ladies' Club at £80 yearly; net rental only £80; close investigation invited; audited balance sheet; price £775; net profit £500. 222/12, Office of this Paper.

**LONDON, S.E.**—For Sale, Herbal, Drug, and Photo Stores; trade £12 per week and increasing; living accommodation; low rent and long lease; smart shop in busy main road, with no immediate opposition; excellent scope for N.H.I.; price £275, or near offer. 233/12, Office of this Paper.

**LONDON, E.**—Old-established Family Business; returns average £1,500 per annum; 300 to 400 N.H.I. per month, could be increased; low rent; good house; separate entrance; well fitted and stocked; death of proprietor reason for sale; price £700, or near offer; further particulars to bona-fide applicants. 233/5, Office of this Paper.

**LONDON, S.W.**—Chemist and Druggist; main road; same hands 20 years; retiring through age; double-fronted shop, parlour, with four other rooms let off, which pays all outgoings; price £850; stock at valuation includes property with 29 years' lease; ground rent £9. Whiting, Accountant, 38 Guernsey Grove, S.E.24.

**LONDON, N.W.**—Pharmacy for Sale; opened in February, 1931; main road site in thickly populated district; double-fronted shop; good windows for display; beautifully fitted and well stocked; business opened by proprietor and took £30 weekly from the start, recently left to management and returns now £25 weekly; little near opposition and good opening for Optics; fixtures cost £350, and value of stock about £500; will accept £600, all in, for quick sale; splendid chance for a keen man who does not mind work, when turnover would easily reach £50-£60 weekly; reason for sale, proprietor living too far away. Apply 233/200, Office of this Paper.

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**NORTH-EAST.**—Good-class Retail Pharmacy; splendid main road situation; approximate turnover £2,500 per annum; Toilets and Photographic, good D. and P.; consider exchange South-West; no triflers, please. Further particulars, 232/31, Office of this Paper.

**NOTTINGHAMSHIRE.**—An excellent opportunity occurs in main street of a busy town to rent or lease a Shop (for the last 20 years occupied by a Chemist); no charge for goodwill; taking over of stock is optional; rooms over may be let off. G. Cox & Son, Auctioneers, West Gate, Mansfield.

**WESTCLIFF-ON-SEA.**—Drug Store, double-fronted, prominent corner position, with living accommodation, on semi-main road; growing residential district; moderate inclusive rental; now under management; fixtures, fittings and good stock, all in, £140. 232/15, Office of this Paper.

**WORCESTERSHIRE VILLAGE.**—Small Country Business, Drugs and Groceries; no opposition; turnover good; ingoing £350; proprietor giving up business. Southall Bros. & Barclay, Ltd., Birmingham.

**ACQUIRE** a Business by deferred payments; going concern; main road London; no opposition; well-stocked modern shop and living accommodation; excellent fittings; now under management; own proprietorship business could be doubled; genuine reasons for selling; unique chance for pushing qualified; rent £100 year; established 12 months; all-in price £600; £150 or £200 down, rest by arrangement; profits can be made to purchase; only genuinely interested need apply; no agents. 233/18, Office of this Paper.

**ADVERTISER,** having been ordered to the coast, desires to dispose of his business near London; net profit over £500; every investigation courted by genuine buyers. 233/7, Office of this Paper.

**BARGAIN.**—Chemist, with Kodak Agency; double-fronted shop with house attached; low rent and rates; last year's returns over £550; good stock and fixtures; cash, all at, £250; good reasons for disposal. Sheerness. BM/NDAA, London, W.C.1.

**CHEMIST'S** Business, capable of expansion, and lease of desirable premises in well-known West-End thoroughfare; about 20 years; g.r. £100; owner uses shop and basement for chemist's business, back of shop Opticians; all upper floors let, the whole producing about £675 per annum; rates, etc., about £100; separate lavatory accommodation each floor; £4,000, including leasehold redemption policy; also goodwill of the business, stock and fittings, £1,600. Write or call, Brabner, 32 Queen Victoria Street, E.C.2. No Agents.

**FOR** Sale, good Chemist's, with Photographic and Optical connection; N.H.I. scripts this year average 1,400 per month; accountant's figures available; turnover last year about £2,264; very moderate rental; well-fitted shop, etc.; price £1,500, including about £700 stock. Apply Crawfords, 126 Portland Street, Manchester. Telephone: City 4092.

**GOOD-CLASS** Family and Dispensing, with Photo. and small N.H.I., situate in residential district of London, S.E.; established 1905 by present owner; returns in 1931, £2,617; main road position; upper portion sub-let to Dentist on short lease; an agreed figure for goodwill, plus valuation; no agents; bankers' reference essential; freehold also to be purchased. 206/393, Office of this Paper.

**MARKET** town, 7 miles from Birmingham; centre of town; turnover about £1,400; good living accommodation, garden; rent £60; N.H.I. about 500 per month; valuation of stock and fixtures with one year's net profits as goodwill; about £900 required. Southall Bros. & Barclay, Ltd., Birmingham.

**OLD-ESTABLISHED** Chemist's Business for Sale in county and market town; excellent premises with good living accommodation in best business thoroughfare; rent £150 on 21 years' lease; average turnover nearly £3,000 per annum; goodwill £1,250; stock and fittings at valuation. 206/394, Office of this Paper.

**OLD-ESTABLISHED** Drug Stores in Boaler Street, Liverpool; splendid opening for a young, qualified Pharmacist; no goodwill; stock and fixtures at valuation. Apply E. M. Owen & Co., Chartered Accountants, 11/13 Victoria Street, Liverpool.



**PHARMACY**, in thickly populated part of Luton (Beds); great chance for Chemist undertaking N.H.I.; good house attached; can be sub-let; modern conveniences; this is a really sound opportunity; cheap for cash; stock, fixtures and fittings valued at £155; price £150 all at; full reasons for disposal, together with further particulars to genuine applicants. Write C. P. Turney, 86 Leagrave Road, Luton, Beds.

**VERY** old-established Business in West Riding for Sale; excellent position with Wine Licence; established Proprietary; turnover £5,000 per annum; would suit two young pharmacists or one with requisite capital; will accept for quick sale £3,000; business under management. 223/40, Office of this Paper.

## BUSINESSES WANTED.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**CHEMIST** requires sound Business in South-East of London or North Kent; turnover not under £2,000 per annum. Replies treated in strict confidence. 235/2, Office of this Paper.

**NORTH STAFFS** (In or Near Potteries).—Advertiser desires to purchase a small Chemist's Business (turnover £12 to £20), or Drug Store; with living accommodation preferred; a down-grade or neglected business will be considered; cash waiting. Replies in confidence to "Senior," c/o Sandbach, Chemist, Norton, Stoke-on-Trent.

## BUSINESS OPPORTUNITIES.

**SURGICAL INSTRUMENT MANUFACTURER.**—Unique opportunity to share a large, modern, up-to-date fitted Shop with West-End Optician, situated in a well-known thoroughfare, 3 minutes from Harley and Wimpole Streets; moderate terms. No agents. 206/396, Office of this Paper.

## DIRECTORSHIP.

**LIMITED** Company of Retail Chemists, with several Branches, wishing to expand, offer salaried position as Secretary to qualified or unqualified lady or gentleman; also directorship offered to optician; in each case £1,000 to £3,000 required. 234/2, Office of this Paper.

## PARTNERSHIP.

**PARTNER**, with view to succession, required for pharmacy in the East End of London (best part); every opportunity for investigation given; absolutely genuine; unique chance to acquire a first-class business with small capital; turnover last three years about £2,500 per annum; long lease; excellent fittings; main road; only wants seeing. 234/27, Office of this Paper.

## PREMISES TO LET.

**BLACKPOOL.**—Double-fronted empty Shop with good living accommodation; 8 years Chemist; no ingoing; extensive residential area and visitors district; main street. Bonny, 189 Church Street, Blackpool.

**GOOD** Double-fronted Shop to be Let or Sold for the business of Chemist and Druggist in one of Manchester's best suburbs; no Chemist within a considerable distance. A really reliable man, with best credentials, would be financed if necessary. J. Buckley, 5 Beswick Row, Miller Street, Manchester.

## PREMISES FOR SALE.

**ADDLESTONE, SURREY.**—Shop Premises, with living accommodation; splendid opening for Chemist Business in populous and growing district; remaining shop of newly-erected terrace; for Sale or Let on Lease. Apply Smith Bros., Claremont Works, West Byfleet. 'Phone 264.

**ONE** of the finest Showrooms in the West End of London for disposal; large frontage in Oxford Street and another in good thoroughfare at rear; palatial light and lofty ground floor and lower show room; about 9,000 square feet; lift, central heating, etc.; eminently suitable for Chemist's Business. Write A. Duffy, 44 North Row, W.1.

## Business with Belgium in Drugs, Chemicals and Pharmaceuticals

**REPRESENTATIVE** in Brussels, being able to supply First-Class References, and prepared to come over for personal introduction, seeks to REPRESENT FIRST-CLASS MANUFACTURERS for the sale to Belgian Wholesale Houses, etc. Offers, with propositions and details requested, to W. N. I., 206/390, Office of this Paper.

## AGENCIES.

**"AN OFFICE IN NEW YORK."**—If you make Fine Toiletries we can offer you the entré into the better class of Drug and Department Stores throughout the U.S. with complete stock and shipping facilities. We now represent two well-known British houses, and are interested in adding other non-competing lines catering to the same clientele. For further information address 206/380, Office of this Paper.

## FINANCIAL.

**GENTLEMAN** with 35 years' experience of Retail and Wholesale trade, and with £10,000 to £20,000 to invest, wishes to obtain controlling interest in a sound concern, preferably in the North of England; Chain Stores or otherwise; past record one of continued success. Replies will be treated with the utmost confidence. 232/28, Office of this Paper.

## APPRENTICES.

**STUDENT** (lady), Oxford Place, Matriculated, desires Apprenticeship in or near London. Apply "M. J.," "Grantchester," Bishops Road, Sutton Coldfield, Birmingham.

## SITUATIONS OPEN.

### RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**BRADFORD.**—Locum, for August 8, one week only. Also Improver; permanent; commence beginning of September. Apply, stating salary required, in both cases, 233/35, Office of this Paper.

**KENT COAST.**—Vacancy for experienced Lady Assistant, unqualified; must be a quick and capable Dispenser and with some experience of book-keeping. Apply, with full particulars, stating when disengaged, to Mr. S. G. Court, 32 Harbour Street, Whitstable.

**LIVERPOOL.**—Qualified Manager for small city branch; 10 hours 9 to 8; Saturdays 9; good Window-dresser, keen Salesman; Photography; good references essential; state salary expected. No reply three days respectfully declined. Haigh, c/o J. Thompson, Ltd., 35 Duke Street, Liverpool.

**LONDON, E.**—Qualified Assistant for small Business and N.H.I.; free to start within a week. Please state salary required, age and usual particulars. Apply 233/33, Office of this Paper.

**LONDON, W.5.**—Lady Assistant required for the Toilet and Photographic Counters; must have a thorough knowledge of Photographic Sales and Perfumery. Apply, with full particulars as to previous experience and salary expected, to 234/20, Office of this Paper.

**LONDON, N.**—Manager, qualified, young; knowledge Photography; good Counterman. State salary required. 233/3, Office of this Paper.

**LONDON, N.** (Near Finsbury Park).—Qualified Locum required from August 8 to 20 inclusive; chiefly for Dispensing and assist at Counter; age, references and salary required. 234/3, Office of this Paper.



**LONDON, N.W.**—Qualified, with J.C.Q.O., wanted to take complete charge of recently opened branch; salary offered £3 to £3 10s. a week, plus half the net profits; good opportunity for a keen man who does not mind sticking it to make a good income; Optical side not yet started, but good opening for same. Apply 233/20, Office of this Paper.

**MANCHESTER.**—Wanted, qualified Assistant, accurate Dispenser, good Window-dresser and experienced in all branches of pharmacy, in a working-class district. State full particulars, salary required. Applicants not answered in six days respectfully declined. 234/9, Office of this Paper.

**MIDDLESEX** (Grange Park, N.21).—Manager required for high-class Pharmacy; highest references required; knowledge of Optics desirable; age under thirty; good address and height. Apply by letter in first instance, with photograph, experience, and salary required, to L. R. B. Pearce, Ltd., 50 Mark Lane, E.C.3.

**NOTTINGHAM.**—Smart qualified Manager required for modern Family business in residential district; smart Window-dresser and tactful Salesman essential; house attached; good prospects for progressive young married man. Give full details of age, experience, and when free, also salary required, to 206/392, Office of this Paper.

**SUSSEX COAST.**—Young Lady Assistant required for five weeks from July 25, chiefly for Counter, in good-class Toilet business; knowledge of Photography essential. Reply, with particulars of age, salary, experience and references, and photo if possible, to 235/6, Office of this Paper.

**ASSISTANT** wanted, age about 30, qualified, with some knowledge of Optics. State usual particulars, height, salary asked, and enclose a recent photograph. Albert Hagon, Ltd., 5 Bute Street, Cardiff.

**AT ONCE**, wanted competent Dispenser and Counter hand (lady or gentleman) for about six weeks on South-East Coast. Apply, stating age, height, experience, and salary required to 206/399, Office of this Paper.

**JUNIOR**, unqualified, for business near London. Please state particulars as to height, age and salary required. Applications not answered in four days respectfully declined. 232/35, Office of this Paper.

**LOCUM**; qualified; July 27-August 10 inclusive. Full particulars of experience and salary required to W. J. Snow, 4 Godstone Road, Caterham, Surrey.

**LOCUM** as Assistant (gentleman) wanted for four weeks commencing August 2. Usual particulars to P. Stacey & Son, 81 High Street, Teddington. Applications not answered within three days respectfully declined.

**LOCUM**, qualified, with good experience, required to take charge, September 4-17. Send usual particulars, Rowland Thureby, London Road, Salisbury.

**LOCUM** for Branch, commencing 18th inst.; must be capable Dispenser N.H.I.; Counter, etc. Apply, with full particulars, Bewells', Ltd., 19-21 Picfield Street, N.1.

**LOCUM.**—London, S.E.; whole or part-time; qualified or unqualified, for the month of August or thereafter; Counter and N.H.I. State age, etc. to 233/29 Office of this Paper.

**QUALIFIED** lady Assistant required at once, N.W. London; must be capable Dispenser and alert at general Counter trade. Please state age, experience, salary required (outdoors). P.C.B. 42/3, Office of this Paper.

**QUALIFIED** Manager required for industrial business in Birmingham, with house attached; good opportunity for one with initiative; good Dispenser and smart Counterman essential. Give full particulars of age, salary required, and when at liberty to 206/391, Office of this Paper.

**QUALIFIED** Superintendent, not under 35; real working Manager, expert, tactful Salesman, Window and Counter Dresser; progressive. State terms, full particulars, references, height and photo. 231/35, Office of this Paper.

**QUALIFIED** Assistant (male), age 24-26, with good-class Dispensing and Retail experience. Apply, giving full particulars, experience, age, height, salary required, and when at liberty to Brady & Martin, Ltd., 29 Mosley Street, Newcastle-on-Tyne.

**QUALIFIED** Branch Manager (outdoor), gentleman, not over 30, required for good-class Retail and Dispensing business, Stockport district; salary £4 4s. weekly. Address, stating age, full particulars as to experience, references and enclosing photo (to be returned), to 206/397, Office of this Paper.

**QUALIFIED** Assistant required at once; general Retail and N.H.I. Apply "J.", 12 Nevill Road, Stoke Newington, N.16.

**QUALIFIED** Manager required for middle-class Pharmacy; preference will be given to applicant with knowledge or qualified in Optics; permanent and progressive position for a smart energetic man. Apply by letter, stating full particulars of past experience and salary required, 233/21, Office of this Paper.

**QUALIFIED** Assistant required for suburban Branch in London. Kindly give full particulars of experience, age, height, wage required and when available. Applicants must be willing workers and anxious to prove worthy of a management later on. 233/13, Office of this Paper.

**QUALIFIED** Manager required for small country branch by July 25; 25 or over. Please give full particulars of salary required, which must be moderate, age, height, and experience; photograph, which will be returned. 234/8, Office of this Paper.

**UNQUALIFIED** Lady Assistant, about 22, R.C., required; of good appearance and education, pleasant and cheerful; accustomed Counter and N.H.I. State age, height, experience, salary. Full particulars, with copies references, letters only, to Turner, 94 Mount Street, Preston.

**WANTED**, qualified Assistant for good-class Dispensing business; must be quick and willing. State age, height, salary and experience. W. E. Matthews, Ltd., 40 George Street, Croydon.

**WANTED**, fully qualified Chemist's Assistant, M.P.S. (male or female), for the Emporium, Newcastle-under-Lyme. Applications, stating age, wages required, giving full particulars as to experience, to Silverdale Co-operative Society, Crown Street, Silverdale, Staffs.

**WANTED**, Romford.—Qualified Junior required; keen, energetic, and of good personality; abstainer. Full details of previous experience, salary, photo, when disengaged to T. England, "Lashams," 1 and 3 High Street, Romford. Phone 505.

**W.C.**—Qualified; at once; preferably part-time. Usual particulars. 264 Bishopsgate, E.C.

#### WHOLESALE.

**DUBLIN.**—An excellent opening for Manufacturing Chemist with sound knowledge of Formulae and Processes of Manufacture of general Toilet and Medicinal Preparations; the position will be progressive, offering unlimited scope for creative ability. Give full particulars (in confidence) to 231/34, Office of this Paper.

**QUALIFIED** Representative, young, required by progressive and well-known Manufacturing House for Middlesex, Essex and Eastern Counties; established connection to hand over; applicants must be in a position to provide their own car, should give full particulars of their past experience, age, and state whether they have any connection in the territory named; commence September 1. 206/374, Office of this Paper.

**REPRESENTATIVE** required in the London area for a firm manufacturing Pharmaceutical and Organotherapeutical Products; must have first-class connections and experience with the Medical Profession; salary and commission. Reply, giving full particulars, to The Chemical Trust of Great Britain, Ltd., Victoria House, Southampton Row, London, W.C.1.

**TRAVELLER** for Chemical trade; salary and/or commission; sound knowledge of the trade. Write Z.W.817, care Deacon's Advertising Agency, 5 St. Mary Axe, E.C.3.

**WANTED**, immediately.—Representatives calling on Chemists, Photographers and large Stores, required for districts covering Great Britain and Ireland, to sell the wonderful photographic discovery called Kazbec; liberal commission. Letter only. Kazbec, 35 Butler Avenue, Harrow, Middlesex.

#### PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 60 to 100 replies the task of returning photographs, testimonials, &c., is one of some difficulty.



## SITUATIONS WANTED.

## RETAIL (HOME.)

**A.A.A.A.**—ASSISTANT; 22; Part I; Locum work, London; any dates; 7 years' experience, Piccadilly Circus and West End; speaks Spanish fluently, understands Italian; highly educated; perfect appearance, personality; business ability. Cecil Pavillard, 49 Cafford Hill, Cafford.

**A.A.A.A.**—CHEMIST, M.P.S., 30, married, requires management, with or without view to succession; exceptional experience in all branches of middle- and high-class pharmacy; keen Buyer, real Salesman and business builder; experienced Prescriber, Photographic, D. & P., Toilet, Perfumery, etc.; excellent Window-dresser; used to controlling staff. For particulars, references, apply 232/19, Office of this Paper.

**A.A.A.**—QUALIFIED, 25, conscientious, trustworthy, seeks permanent post; excellent experience, particularly Dispensing and Photography; courteous Salesman; abstainer. 233/11, Office of this Paper.

**A.A.A.**—AS Locum, experienced Assistant waiting result Locum. Qualifying Examination; West Country. Robjohns, Gate House, Totnes, Devon.

**A.A.**—ASSISTANT; qualified; 37; tall; smart; energetic; 20 years' experience, London and provinces; Locum or permanency; disengaged. 232/22, Office of this Paper.

**A.A.**—ASSISTANT, 20, requires situation; permanency or Locum; sound knowledge Dispensing, Counter, Photography and Window-dressing; good references; West London preferred, but not essential; available August 2. 233/2, Office of this Paper.

**A.**—LOCUM; qualified; long or short period; experienced all branches; active; excellent references; terms moderate. "S. C. J.," 54 Priory Road, West Hampstead, N.W.6. Phone: Maida Vale 8212.

**A** RELIABLE, trustworthy, qualified man, 27, married, abstainer, seeks permanency, preferably South-West England; 12 years' excellent experience; present managership 4 years; well up all branches; not afraid of work or responsibility; first-class right-hand man. 231/36, Office of this Paper.

**A** N Assistant, unqualified, 24, seeks post until end September; Dispensing, Window-dressing, Counter; references. Bailey, 2 Lynmouth Villas, Cheltenham.

**A** SSISTANT; unqualified; 12 years' London experience, Counter work and Dispensing; would invest £100 in progressive business if necessary; mutual benefit. 232/18, Office of this Paper.

**A** SSISTANT seeks employment; board or lodging only. P.C.B. 42/10, Office of this Paper.

**A** SSISTANT, unqualified, 22, desires temporary situation; capable; Dispensing and Counter; disengaged until September 12; excellent testimonial from late employer. Rayner, 12a West Street, Ryde, I.W.

**A** SSISTANT requires engagement; capable of management; unqualified, but conversant with all branches of the trade; first-class references; disengaged. "Aspirin," 22 Henry Street, Rugby.

**A** SSISTANT; unqualified; reliable; middle-aged; experienced all branches; good Salesman; references; disengaged. Gail, 53 Cambridge Street, Norwich.

**A** SSISTANT; unqualified; all-round experience; disengaged; 23 years; capable of taking charge, or as Locum. 234/5, Office of this Paper.

**BEXHILL-ON-SEA OR LONDON DISTRICT.**—Experienced, qualified Locum; free August 15 to September 3, also after September 25; salary £5 weekly. Phone: Southall 1522. Victoria E. Evans, 4 Station Parade, Northolt.

**BIRMINGHAM** or Midland area preferred, not essential; Locum work undertaken; all-round experience; well recommended; disengaged shortly. "Drugs," 64 Hunters Road, Birmingham.

**C** HANGE desired; experienced; capable; unqualified; quick, reliable Dispenser, Counter, Photographic; well recommended; accept low salary for Birmingham district. 233/8, Office of this Paper.

**C** HEMIST, 28, possessing initiative, 5 years' managerial experience, desires change; fully conversant with all branches; excellent Salesman and Counterhand; enthusiastic, conscientious, and energetic worker; proved business builder; excellent references. "Chemist," 85 Crowther Road, Stockland Green, Birmingham.

**C** OMPETENT Junior Assistant, at present in West End, requires position; Birmingham or Wolverhampton districts; whole or part time. 232/26, Office of this Paper.

**C** OMPLETED Minor Course, awaiting result; as Locum or Assistant; 8 years' experience, three in cathedral city; Dispensing, Window-dressing, Counter Display, Photography, etc. Hull, 36 Corporation Street, Walsall.

**C** OUNTRY BUSINESS.—M.P.S., 35, desires Managership; thoroughly experienced; reliable; well recommended. B. Wilson, 26 Lee Terrace, London, S.E.3.

**J** UNIOR Assistant, age 17, desires permanency; good appearance and address; excellent references; moderate salary; Midlands preferred. Beech, Hardwick Road, Streetley.

**L** OCUM; unqualified; free except between August 2-13, September 4-18. "Statim," 72 Tremadoc Road, Clapham, S.W.4.

**L** OCUM; qualified; reliable; registered R.P.U.; disengaged July 25 to August 27 inclusive. Hoskins, c/o Haywards', Chemists, Redfield, Bristol.

**L** OCUM; qualified; highest references; disengaged August 8-August 14 and after August 27. Roberts, Poplar Bank, Huyton, near Liverpool.

**L** OCUM; qualified; vacant date left, August 8-August 21 inclusive. Holmes, 109 Penwortham Road, Streatham, or phone Wallington 2996.

**L** OCUM, experienced Assistant, 29, awaiting result of Qualifying Examination; anywhere, any date; four guineas weekly. Frank, 6 Stanford Road, London, S.W.16.

**L** OCUM; disengaged July 24-August 1 inclusive; all-round experience; well recommended. "M.P.S.," 19 West Street, Prittlewell, Essex.

**L** OCUM; disengaged; 20 years' experience; town or country; vacant for August; reasonable terms. "Chemist," 56 Rudloe Road, Balham, S.W.12.

**L** OCUM or Manager; qualified; competent; reliable; 20 years' West-End and varied experience; disengaged September 11 to 27 and after October 12 inclusive. "Pharmacist," 18 Stanway Gardens, Edgware.

**L** OCUM; qualified (elderly); reliable; disengaged August; London or South Coast. "Don," c/o Y.M.C.A., Tottenham Court Road, London, W.

**L** OCUM, part time or permanent; unqualified; thoroughly experienced; several years Chief Dispenser and Branch Manager of South-West and West London businesses; competent and reliable; undeniable references; disengaged; town or country. "E. C. P.," 165 Edgware Road, London, W.2.

**L** OCUM; qualified; well recommended; middle-aged; active; reliable; sold own business; any distance. "M.P.S.," 60 Queen Street, Ramsgate.

**L** OCUM, part time or permanent; unqualified; thoroughly experienced; Dispensing, Prescribing, Counter; all-round handy man; single; tall; energetic; abstainer; good references; Notts or Derbys districts. Howard, 30 Pimlico, Ilkeston.

**L** OCUM, qualified, 39, varied experience, seeks engagement, North-East area, from August 15. Write 234/38, Office of this Paper.

**L** OCUM or permanent; London and Store experience; 48 years; free July 16. "Chemist," 2 Shenstone Cottages, Little Chalfont, Bucks.

**M** R. R. B. FAIRWEATHER, Locum, has vacant August 1 to 13 inclusive; experienced; reliable; terms moderate; quick reply will secure services. 286 Kingsland Road, E.8.

**P** ART-TIME post wanted anywhere; unqualified; 30; experienced; educated; hours to suit you. Hill, 214 Foxhall Road, Ipswich.

**Q** UALIFIED man, about to be married to qualified lady, desires position where services of both can be utilised; wide experience of Dispensing and Counter work; able to manage; both are workers, keen, and well recommended; free August 31. 231/23, Office of this Paper.

**Q** UALIFIED; Locum or permanency preferred; 45; married; good experience; seaside and town in managerial capacity. 27 Lime Grove, Hoole, Chester.

**Q** UALIFIED; 37; experienced Manager; Locum or permanency; Provincial and London West-End experience; Dispensing, Photography, good Salesman and Counterhand; references O.K.; disengaged; any district. "Chemist," 59 Penn Road, Holloway, London, N.7.

**Q** UALIFIED (1927), 26, tall, desires Locum or permanency; 8 years' experience, all branches; capable; energetic; conscientious; excellent references; South Wales preferred, not essential. "Chemist," Milford House, Loughor, Swansea.

**Q** UALIFIED; 30; experienced Manager; Locum or permanency; good all-round experience; highest credentials; abstainer; North Wales preferred, but not essential. 234/4, Office of this Paper.

**Q** UALIFIED, 44, single, free for limited services in return comfortable accommodation; small salary. 234/16, Office of this Paper.

**S** TUDENT, young, already possessing three years' recent good experience, references, seeks further engagement; Dispensing, Counter, Display, Photography, Ciné, Stock, Agricultural, French, German, etc.; permanency or season; moderate salary; Surrey, Sussex, Brighton preferred. "G.," 52 Alderbrooke Road, S.W.12.



**CLEAR OUT**—your Old or Damaged Stock of Photo Goods

Why keep them any longer? Turn them into CASH. I GIVE BEST PRICES for Old Films (damaged, fogged or expired dates); Packet Papers. Cards (any sizes). Old Photo Goods or Cameras. Bromide Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.

**S. E. HACKETT, 23 July Road, Liverpool**

**UNQUALIFIED** Assistant, 24, requires situation; 8 years' good-class experience, Dispensing, Counter, Window-dressing; conscientious; hard worker; Birmingham, London or abroad preferred, not essential. "C. H. W., 23 Holly Road, Handsworth, Birmingham.

**UNQUALIFIED**; age 22; first-class Counter, Window, Dispensing; excellent references; disengaged. J. Landsman, 3 Alderney Road, Mile End.

**UNQUALIFIED**, good experience in Dispensing and Photographics, requires post in large town. Edwards, c/o T. C. Price, M.P.S., Chemist, Rhayader.

**WHOLESALE.**

**A REPRESENTATIVE**, calling upon Chemists, etc., large connection, including Doctors and Hairdressers, long and varied experience, Medical, Toilet and Sundry Goods, keen, persevering, reliable, moderate remuneration, requires engagement. 234/18, Office of this Paper.

**AT LIBERTY**.—Representative, South Coast and Western Counties, Chemists and Doctors; formerly representing leading house; highest references; undeniable record. 233/4, Office of this Paper.

**EXPERIENCED** Salesman desires post as Representative with house of repute, Drug or Toilet, for Yorkshire area; will consider Agencies. Further particulars on application. "Scotia," 234/25, Office of this Paper.

**FIRST-CLASS** young Salesman, Public School education, good connection with Chemists, Northumberland, Durham, North Yorkshire, own car, requires additional lines on commission. Dickinson, 214 Wingrove Road, Newcastle, 4.

**FOREMAN**; 42; experience 25 years' manufacturing chemists; last position 11 years; Wets and Dyes. Dennett, Haywards Road, Cheltenham.

**GENTLEMAN**, 28, well educated and experienced, desires position as Representative with Drug or Toilet and Sundries House; car if necessary; salary and commission. 234/21, Office of this Paper.

**GENTLEMAN**, with live connection in the North of England, Chemists, Hairdressers, Departmental and Co-operative Stores, desires representation of established house, British or foreign. Address Ambrose, 12 Berkeley View, Harehills, Leeds.

**REPRESENTATIVE**, qualified, desires additional Agencies; thorough knowledge Pharmaceutical and Biological Products; connection comprises leading Chemists in all Ireland. 232/14, Office of this Paper.

**REPRESENTATIVE** offers services to house of repute; 10 years' connection amongst Wholesalers, Chemists, Hairdressers and Stores in London and South of England; Toilets, Sundries, Proprietaries. 233/24, Office of this Paper.

**COLONIAL, INDIAN AND FOREIGN.**

**IS** a knowledge of English, German, French, American and Eastern Pharmacy, with executive ability and experience, of value to anyone? Is there one firm needing such a man? Please address "A," 5 St. John's Road, Brixton, S.W.9.

**FOR SALE.**

(Articles to the value of £5-£50.)

**CASH** Register, "National," with keys up to 19s. 11½d.; will sell for reasonable price; in good order. Write A. White, 90 Dongola Road, Plaistow, E.13.

**NEW** 15-guinea Optical Trial Case (General Optical Co.); also new Ensign Roll Film Reflex Camera, retail £7 17s. 6d.; first reasonable offer accepted. "Chemist," 2 Maxwellton Close, Mill Hill, N.W.7.

**SUGAR COATER** Aged 24 and

**MEDICINAL TABLET MANUFACTURER**, requires position with progressive company. Accustomed to All Colours, Chocolate, Silver, Pearl, Varnish and Keratin, etc.

His finished products present an extra smooth and brilliantly polished surface, which he guarantees against splitting, bursting, discolouration and going sticky.

The advertiser has spent many years on this intricate branch of pharmacy, and, of course, has a thorough and practical experience in the manufacture throughout of Uncoated Tablets and Compressed Pills of every description.

Write 232/30, Office of this Paper.

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